

Robert D. Rice, President
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July 3, 2018

Marlene H. Dortch, Secretary
Federal Communications Commission
Office of the Secretary
445 12th Street, SW
Washington, DC 20554

CC Docket No. 96-45

CC Docket No. 02-6

“WAIVER REQUEST”

“FY2017 APPEAL”

“Administrator’s Decision on Appeal – Funding Year 2017-2018”

APPLICANT: Oakland Network for Education Consortium (ONE)

BEN: 17001962

FY2017 FORM 471: 171019154 **FRN:** 1799072922, 1799072948, 1799072957,
1799072963, 1799072967, 1799072976 and 1799072984

Contact: Christopher Hammond, Enterprise Network Manager

Phone: 248.209.2153

Email: Christopher.Hammond@oakland.k12.mi.us

This “Waiver Request” to the FCC, is written and submitted on behalf of Oakland Network for Education Consortium (ONE) (BEN: 17001962), 2111 Pontiac Lake Rd., Waterford, MI 48328. This “Waiver Request” is an important matter concerning the enclosed Universal Service Administrative Company (USAC) Form 471 dated May 10, 2017 **(Exhibit A)**; Wherein, “When the original Form 471 was filed, there was a ministerial/clerical error for each FRN whereby, the labor portion of the request were left off the Form 471. **(Exhibit B)**. This error was not discovered until the project had been completed and the ONE filed for reimbursement.

Thereafter, Oakland Network for Education Consortium request a wavier of the rules and the additional cost of \$10,715.00 for FRN 1799072922 and \$5,699.00 per FRN for the other FRN listed above with a total increase in pre-discount cost of \$44,409.00.

Failure to grant this Waiver Request for Form 471 application number 171019154, FRNs 1799072922, 1799072948, 1799072957, 1799072963, 1799072967, 1799072976 and 1799072984, in conjunction with a depressed economy in Michigan, will create undue financial hardship for Oakland Schools, their constituent school districts and community.

Thank you for your consideration regarding this matter and supporting Oakland Schools of Michigan.

Cordially,

A handwritten signature in black ink, appearing to read "Robert D. Rice". The signature is stylized with a large, looped "R" and a cursive "D".

Robert D. Rice
Triple R Consultants

Enc

LIST OF EXHIBITS

Exhibit A FY17 471 171019154

Exhibit B CDW Vendor Agreement



Description of Services Ordered and Certification Form 471

FCC Form 471

Application Information

Nickname FY17-471-Con3 FW ONE
Funding Year 2017

Application Number 171019154
Category of Service Category 2

Billed Entity

Oakland Network for Education Consortium
2111 Pontiac Lake Rd Waterford MI 48328
248-209-2000
Tammy.Evans@oakland.k12.mi.us

Contact Information

Robert Rice
810-923-9290
bob@triple-r.us

Billed Entity Number 17001962
FCC Registration Number 0006632095
Applicant Type Consortium

Consulting Firms

Name	Consultant Registration Number	City	State	Zip Code	Phone Number	Email
Triple R Consultants	16055924	South Lyon	MI	48178	248-446-8125	bob@triple-r.us

Entity Information

Consortium Entities

Related School District Entity - Details

BEN	Name	Urban/ Rural	State LEA ID	State School ID	NCES Code	School District Attributes	Endowment
130794	BIRMINGHAM PUBLIC SCHOOL DIST	Urban				Public School District	None
130800	CLAWSON PUBLIC SCHOOLS	Urban				Public School District	None
130806	HAZEL PARK PUBLIC SCHOOLS	Urban				Public School District	None
130808	SOUTHFIELD PUBLIC SCHOOL	Urban				Public School District	None
130837	LAMPHERE SCHOOL DISTRICT	Urban				Public School District	None
130839	MADISON SCHOOL DISTRICT	Urban				Public School District	None
130840	BERKLEY SCHOOL DISTRICT	Urban				Public School District	None
130842	ROYAL OAK PUBLIC SCHOOL DIST	Urban				Public School District	None
130854	TROY SCHOOL DISTRICT	Urban				Public School District	None
130893	CLARENCEVILLE SCHOOL DISTRICT	Urban				Public School District	None

BEN	Name	Urban/ Rural	State LEA ID	State School ID	NCES Code	School District Attributes	Endowment
130917	SOUTH LYON COMM SCHOOL DIST	Urban				Public School District	None
130955	FERNDAL PUBLIC SCHOOL DIST	Urban				Public School District	None
130965	OAK PARK SCHOOL DISTRICT	Urban				Public School District	None
130969	BLOOMFIELD HILLS PUB SCH DIST	Urban				Public School District	None
130971	ROCHESTER COMM SCHOOL DISTRICT	Urban				Public School District	None
130978	WEST BLOOMFIELD SCHOOL DISTRICT	Urban				Public School District	None
130979	AVONDALE SCHOOL DISTRICT	Urban				Public School District	None
130980	WATERFORD SCHOOL DISTRICT	Urban				Public School District	None
130981	OAKLAND SCHOOLS	Urban				Public School District	None
130984	FARMINGTON PUBLIC SCHOOLS	Urban				Public School District	None
130986	PONTIAC CITY SCHOOL DISTRICT	Urban				Public School District	None
130988	CLARKSTON COMM SCHOOL DISTRICT	Urban				Public School District	None
130993	HURON VALLEY SCHOOL DISTRICT	Urban				Public School District	None
130995	LAKE ORION COMM SCHOOL DIST	Urban				Public School District	None
130998	NOVI COMMUNITY SCHOOL DISTRICT	Urban				Public School District	None
131001	WALLED LAKE CONSOL SCH DIST	Urban				Public School District	None
131040	HOLLY AREA SCHOOL DISTRICT	Rural				Public School District	None
131057	BRANDON SCHOOL DISTRICT	Rural		63180		Public School District	None
221751	Oxford Area Community Schools	Urban				Public School District	None

[Related Entity Information](#)

[Consortium Related Entities](#)

[Related Child School Entity - Details](#)

BEN	Name	Urban/ Rural	State LEA ID	State School ID	NCES Code	Alternative Discount	School Attributes	Endowment
53818	QUARTON ELEMENTARY	Urban				None	Public School	None
53820	ERNEST W. SEAHOLM HIGH SCHOOL	Urban				None	Public School	None
53821	PIERCE ELEMENTARY SCHOOL	Urban				None	Public School	None
53823	DERBY MIDDLE SCHOOL	Urban				None	Public School	None
53861	BERKSHIRE MIDDLE SCHOOL	Urban				None	Public School	None
53862	WYLIE E. GROVES HIGH SCHOOL	Urban				None	Public School	None
53863	BEVERLY ELEMENTARY SCHOOL	Urban				None	Pre-K; Public School	None
53865	BINGHAM FARMS ELEMENTARY SCHOOL	Urban				None	Pre-K; Public School	None
53867	GREENFIELD ELEMENTARY SCHOOL	Urban				None	Pre-K; Public School	None
54160	PEMBROKE ELEMENTARY SCHOOL	Urban				None	Public School	None

BEN	Name	Urban/ Rural	State LEA ID	State School ID	NCES Code	Alternative Discount	School Attributes	Endowment
55348	WEST MAPLE ELEMENTARY SCHOOL	Urban				None	Public School	None
55350	BIRMINGHAM COVINGTON SCHOOL	Urban				None	Pre-K; Public School	None
55370	HARLAN ELEMENTARY SCHOOL	Urban				None	Public School	None
53835	PAUL E SCHALM ELEM SCHOOL	Urban		26		None	Public School	None
53836	CLAWSON MIDDLE SCHOOL	Urban		26		None	Public School	None
53837	CLAWSON SR HIGH SCHOOL	Urban		26		None	Public School	None
53838	KENWOOD ELEMENTARY SCHOOL	Urban		26		None	Public School	None
53878	HOOVER ELEMENTARY SCHOOL	Urban	63130	01753			Public School	None
53879	HAZEL PARK HIGH SCHOOL	Urban	63130	01616			Public School	None
53880	HAZEL PARK JUNIOR HIGH	Urban	63130	09372			Public School	None
53881	UNITED OAKS ELEMENTARY SCHOOL	Urban	63130	04259			Public School	None
55090	EDISON MAX DAY TREATMENT	Urban	63130	04159			Public School	None
55093	WEBB ELEMENTARY SCHOOL	Urban	63130	09429			Pre-K; Public School	None
55100	JARDON VOCATIONAL SCHOOL	Urban	63130	02399			Public School	None
16027314	HAZEL PARK ADVANTAGE ALTERNATIVE EDUCATION	Urban	63130	09362			Public School	None
16027309	HAZEL PARK ALTERNATIVE HIGH SCHOOL	Rural	63130	07829			Public School	None
53886	SOUTHFIELD HIGH SCHOOL	Urban	63060	03542	26 - 32310- 6781	None	Public School	None
53888	Glenn W. Levey Middle School	Urban	63060	01425	26 - 32310- 6775	None	Public School	None
53889	MACARTHUR K-8 UNIVERSITY ACADEMY	Urban	63060	02295	26 - 32310- 6778	None	Public School	None
53890	Adlai Stevenson Elementary School	Urban	63060	00024	26 - 32310- 6771	None	Public School	None
54108	BRACE-LEDERLE ELEM SCHOOL	Urban	63060	02146	26 - 32310- 6777	None	Public School	None
54111	Morris Adler Elementary School	Urban	63060	05284	26 - 32310- 6784	None	Public School	None
54113	MCINTYRE ELEMENTARY SCHOOL	Urban	63060	05764	26 - 32310- 6786	None	Public School	None
54115	SOUTHFIELD-LATHRUP HIGH SCHOOL	Urban	63060	05419	26 - 32310- 6785	None	Public School	None
54117	Alice M. Birney K-8 School	Urban	30600	00344	26 - 32310- 8151	None	Public School	None
54119	VANDENBERG ELEMENTARY SCHOOL	Urban	63060	04278	26 - 32310- 6782	None	Public School	None
54121	Thompson K-8 International Academy	Urban	63060	00340	26 - 32310- 8202	None	Public School	None

BEN	Name	Urban/ Rural	State LEA ID	State School ID	NCES Code	Alternative Discount	School Attributes	Endowment
16027315	SOUTHFIELD REGIONAL ACADEMIC CAMPUS	Urban	63060	08048	26 - 32310- 666	None	Public School	None
54064	LAMPHERE HIGH SCHOOL	Urban	63280	02123		None	Public School	None
54065	HILLER ELEMENTARY SCHOOL	Urban					Public School	None
54066	SIMONDS ELEMENTARY SCHOOL	Urban	63280	03483		None	Public School	None
54068	EDMONSON ELEMENTARY SCHOOL	Urban	63280	01089		None	Public School	None
54076	LESSENGER ELEMENTARY SCHOOL	Urban	63280	02168		None	Public School	None
54077	PAGE MIDDLE SCHOOL	Urban	63280	01960		None	Public School	None
16049770	LAMPHERE CENTER	Urban	63280	02639		None	Public School	None
54070	MADISON PREPARATORY HIGH SCHOOL	Urban	63140	08980	26 - 22290- 1280		Public School	None
54073	WILKINSON MIDDLE SCHOOL	Urban	63140	04528	26 - 22290- 5945		Public School	None
54074	MADISON HIGH SCHOOL	Urban	63140	02317	26 - 22290- 8739		Public School	None
54075	Keys Grace Academy	Urban		26			Public School	None
160657	MADISON ELEMENTARY	Urban	63140	01083	26 - 22290- 5941		Pre-K; Public School	None
54061	BURTON ELEMENTARY SCHOOL	Urban	63050	00464		None	Public School	None
54078	ANGELL ELEMENTARY SCHOOL	Urban	63050	01875		None	Public School	None
54079	ANDERSON MIDDLE SCHOOL	Urban	63050	00093		None	Public School	None
54080	PATTENGILL SCHOOL	Urban	63050	02974		None	Public School	None
54082	ROGERS ELEMENTARY SCHOOL	Urban	63050	01549		None	Pre-K; Public School	None
54083	BERKLEY HIGH SCHOOL	Urban	63050	00291		None	Public School	None
55281	NORUP INTERNATIONAL SCHOOL	Urban	63050	01959		None	Public School	None
54049	KELLER (HELEN) ELEMENTARY	Urban	63040	09742	26 - 30300- 2068	None	Public School	None
54051	ROYAL OAK MIDDLE SCHOOL	Urban	63040	09740	26 - 30300- 2069	None	Public School	None
54057	OAKLAND ELEMENTARY SCHOOL	Urban	63040	02805	26 - 30300- 6644	None	Public School	None
54085	Alfred E. Upton Elementary School	Urban	63040	04264	26 - 30300- 6647	None	Public School	None
54088	ROYAL OAK HIGH SCHOOL	Urban	63040	02034	26 - 30300- 6637	None	Public School	None
54089	OAK RIDGE ELEMENTARY SCHOOL	Urban	63040	02800	26 - 30300- 6643	None	Public School	None
54091	ADDAMS (JANE) ELEMENTARY SCHOOL	Urban	63040	09741	26 - 30300- 2070	None	Pre-K; Public School	None
54093	NORTHWOOD ELEMENTARY SCHOOL	Urban	63040	02781	26 - 30300- 6642	None	Public School	None
16070088	CHURCHILL COMMUNITY HIGH SCHOOL	Urban	63040	05932	26 - 30300- 6647	None	Public School	None
54148	MORSE ELEMENTARY SCHOOL	Urban	63150	02618		None	Public School	None

BEN	Name	Urban/ Rural	State LEA ID	State School ID	NCES Code	Alternative Discount	School Attributes	Endowment
54154	WATTLES ELEMENTARY SCHOOL	Urban	63150	05537		None	Pre-K; Public School	None
54155	BAKER MIDDLE SCHOOL	Urban	63150	00174		None	Public School	None
54156	BARNARD ELEMENTARY SCHOOL	Urban	63150	06941		None	Public School	None
54157	SCHROEDER ELEMENTARY SCHOOL	Urban	63150	06124		None	Public School	None
54158	BOULAN PARK MIDDLE SCHOOL	Urban	63150	06367		None	Public School	None
54159	BEMIS ELEMENTARY SCHOOL	Urban	63150	06940		None	Public School	None
54229	HAMILTON ELEMENTARY SCHOOL	Urban	63150	03715		None	Public School	None
54230	MARTELL ELEMENTARY SCHOOL	Urban	63150	06365		None	Public School	None
54231	SMITH MIDDLE SCHOOL	Urban	63150	05413		None	Public School	None
54232	TROY UNION ELEMENTARY SCHOOL	Urban	63150	04227		None	Public School	None
54233	LARSON MIDDLE SCHOOL	Urban	63150	06366		None	Public School	None
54234	ATHENS SENIOR HIGH SCHOOL	Urban	1566	06393		None	Public School	None
54235	HILL ELEMENTARY SCHOOL	Urban	63150	05163		None	Pre-K; Public School	None
54236	WASS ELEMENTARY SCHOOL	Urban	63150	06939		None	Public School	None
54237	TROY SENIOR HIGH SCHOOL	Urban	63150	04226		None	Public School	None
54238	LEONARD ELEMENTARY SCHOOL	Urban	63150	02161		None	Pre-K; Public School	None
54239	COSTELLO ELEMENTARY SCHOOL	Urban	63150	06364		None	Public School	None
54498	GRANDVIEW ELEMENTARY SCHOOL	Urban	63090	01461	26 - 09840-4470	None	Pre-K; Public School	None
54500	CLARENCEVILLE MIDDLE SCHOOL	Urban	63090	00699	26 - 09840-4468	None	Public School	None
54501	CLARENCEVILLE SR HIGH SCHOOL	Urban	60900	00700	26 - 09840-4469	None	Public School	None
54502	BOTSFORD ELEMENTARY SCHOOL	Urban	63090	00368	26 - 09840-4467	None	Pre-K; Public School	None
54575	DOLSEN (ANN L) ELEMENTARY SCHOOL	Urban				None	Public School	None
54591	SALEM ELEMENTARY SCHOOL	Rural				None	Public School	None
54640	BARTLETT (FRANK E) SCHOOL	Urban				None	Public School	None
54641	SAYRE ELEMENTARY SCHOOL	Urban				None	Public School	None
54642	SOUTH LYON HIGH SCHOOL	Urban				None	Public School	None
54643	MILLENNIUM MIDDLE SCHOOL	Urban				None	Public School	None
54644	CENTENNIAL MIDDLE SCHOOL	Urban				None	Public School	None
227800	BRUMMER ELEMENTARY	Urban				None	Public School	None

BEN	Name	Urban/ Rural	State LEA ID	State School ID	NCES Code	Alternative Discount	School Attributes	Endowment
227802	KENT LAKE ELEMENTARY SCHOOL	Rural				None	Public School	None
16030292	HARDY (SHARON J) ELEMENTARY SCHOOL	Urban				None	Public School	None
16046507	SOUTH LYON EAST HIGH SCHOOL	Rural				None	Public School	None
17012018	William A Pearson Elementary	Rural				None	Public School; New Construction School	None
55091	COOLIDGE INTERMEDIATE SCHOOL	Urban	63020	00502	26 - 14280- 5071	None	Public School	None
55096	FERNDALDE SENIOR HIGH SCHOOL	Urban	63020	01222	26 - 14280- 5072	None	Public School	None
55097	Tri-County Educational Center	Urban	63020	00000	26 - 14280- 1900	None	Public School	None
55098	Ferndale Lower Elementary Campus	Urban	63020	04155	26 - 14280- 5076	None	Public School	None
55099	UNIVERSITY HIGH SCHOOL	Urban	63020	09561	26 - 14280- 1901	None	Public School	None
55288	Ferndale Upper Elementary Campus	Urban	63020	02979	26 - 14280- 5075	None	Public School	None
16049746	FERNDALDE MIDDLE SCHOOL	Urban	63020	09074	26 - 14280- 1282	None	Public School	None
55280	KEY ELEMENTARY SCHOOL	Urban					Pre-K; Public School	None
55286	PEPPER ELEMENTARY SCHOOL	Urban					Public School	None
55287	OAK PARK SENIOR HIGH SCHOOL	Urban					Public School	None
55293	EINSTEIN ELEMENTARY SCHOOL	Urban					Public School; Dormitory	None
160274	OAK PARK PREPARATORY ACADEMY	Urban					Public School	None
16068663	NOVA OF OAK PARK ALTERNATIVE EDUCATION	Urban					Public School	None
55349	WING LAKE DEVELOPMENTAL CENTER	Urban				None	Pre-K; Public School	None
55357	WAY ELEMENTARY SCHOOL	Urban				None	Public School	None
55358	Bloomfield Hills High School	Urban	63080	04984		None	Public School	None
55359	CONANT ELEMENTARY SCHOOL	Urban				None	Public School	None
55360	BLOOMFIELD HILLS MIDDLE SCHOOL	Urban	63080	05594		None	Public School	None
55365	EAST HILLS MIDDLE SCHOOL	Urban				None	Public School	None
55367	EASTOVER ELEMENTARY SCHOOL	Urban				None	Public School	None
55472	LONE PINE ELEMENTARY SCHOOL	Urban				None	Public School	None
55473	WEST HILLS MIDDLE SCHOOL	Urban				None	Public School	None
204819	INTERNATIONAL ACADEMY	Urban	63080	08403				None
17006201	Fox Hills Center	Urban				None	Public School	None

BEN	Name	Urban/ Rural	State LEA ID	State School ID	NCES Code	Alternative Discount	School Attributes	Endowment
55371	BALDWIN ELEMENTARY SCHOOL	Urban	63260	00178	26 - 29940-6567	None	Pre-K; Public School	None
55372	HUGGER ELEMENTARY SCHOOL	Urban	63260	07310	26 - 29940-7575	None	Public School	None
55373	MUSSON ELEMENTARY SCHOOL	Urban	63260	07350	26 - 29940-7576	None	Pre-K; Public School	None
55374	ROCHESTER ADAMS HIGH SCHOOL	Urban	63260	05819	26 - 29940-6577	None	Public School	None
55375	BREWSTER ELEMENTARY SCHOOL	Urban	63260	01114	26 - 29940-6569	None	Pre-K; Public School	None
55376	VAN HOOSSEN MIDDLE SCHOOL	Urban	63260	06400	26 - 29940-6580	None	Public School	None
55377	HART MIDDLE SCHOOL	Urban	63260	07548	26 - 29940-242	None	Public School	None
55378	NORTH HILL ELEMENTARY SCHOOL	Urban	63260	02731	26 - 29940-6572	None	Public School	None
55380	ROCHESTER HIGH SCHOOL	Urban	63260	03242	26 - 29940-6573	None	Public School	None
55382	MCGREGOR ELEMENTARY SCHOOL	Urban	63260	01773	26 - 29940-6570	None	Public School	None
55383	HAMLIN ELEMENTARY SCHOOL	Urban	63260	01551	26 - 29940-241	None	Public School	None
55384	HAMPTON ELEMENTARY SCHOOL	Urban	63260	07855	26 - 29940-243	None	Pre-K; Public School	None
55387	BROOKLANDS ELEMENTARY SCHOOL	Urban	63260	00410	26 - 29940-6568	None	Pre-K; Public School	None
55388	REUTHER MIDDLE SCHOOL	Urban	63260	06399	26 - 29940-6579	None	Pre-K; Public School	None
55389	ALTERNATIVE CENTER FOR EDUCATION	Urban	63260	07103	26 - 29940-6581	None	Public School	None
55390	LONG MEADOW ELEMENTARY SCHOOL	Urban	63260	05239	26 - 29940-6575	None	Public School	None
55391	WEST MIDDLE SCHOOL	Urban	63260	04458	26 - 29940-6574	None	Public School	None
55392	MEADOW BROOK ELEMENTARY SCHOOL	Urban	63260	02498	26 - 29940-6571	None	Public School	None
55393	UNIVERSITY HILLS ELEM SCHOOL	Urban	63260	06270	26 - 29940-6578	None	Pre-K; Public School	None
234374	DELTA KELLY ELEMENTARY SCHOOL	Urban	63260	09051	26 - 29940-1285	None	Public School	None
234376	STONE CREEK HIGH SCHOOL	Urban	63260	09050	26 - 29940-1286	None	Public School	None
55460	ROOSEVELT ELEMENTARY SCHOOL	Urban	63160	03271		None	Pre-K; Public School	None
55462	ORCHARD LAKE MIDDLE SCHOOL	Urban	63160	04437		None	Public School	None
55469	SHEIKO ELEMENTARY SCHOOL	Urban	63160	01491		None	Pre-K; Public School	None
55470	WEST BLOOMFIELD SR HIGH SCHOOL	Urban	63160	06171		None	Public School	None
55471	DOHERTY ELEMENTARY SCHOOL	Urban	63160	05783		None	Pre-K; Public School	None
55476	GRETCHKO ELEMENTARY SCHOOL	Urban	63160	08259		None	Pre-K; Public School	None
55478	ABBOTT MIDDLE SCHOOL	Urban	63160	06292		None	Public School	None
55480	SCOTCH ELEMENTARY SCHOOL	Urban	63160	07372		None	Public School	None

BEN	Name	Urban/ Rural	State LEA ID	State School ID	NCES Code	Alternative Discount	School Attributes	Endowment
55396	DEERFIELD ELEMENTARY SCHOOL	Urban	63070	07446		None	Public School	None
55397	AVONDALE MIDDLE SCHOOL	Urban	63070	07856		None	Public School	None
55398	AVONDALE-MEADOWS UPPER ELEM	Urban	63070	00584		None	Public School	None
55485	AVONDALE HIGH SCHOOL	Urban	63070	05976		None	Public School	None
55486	AUBURN ELEMENTARY SCHOOL	Urban	63070	00148		None	Public School	None
55488	R. GRANT GRAHAM ELEMENTARY SCHOOL	Urban	63070	05363		None	Public School	None
224732	WOODLAND ELEMENTARY SCHOOL	Urban	63070	08649		None	Public School	None
16030436	AVONDALE ACADEMY	Urban	63070	00161		None	Public School	None
55490	BEAUMONT ELEMENTARY SCHOOL	Urban				None	Public School	None
55492	RIVERSIDE ELEMENTARY SCHOOL	Urban				None	Public School	None
55494	KNUDSEN ELEMENTARY SCHOOL	Urban	633 00.0			None	Private School; Pre-K	None
55496	HAVILAND ELEMENTARY SCHOOL	Urban				None	Public School	None
55499	WATERFORD MOTT HIGH SCHOOL	Urban				None	Public School	None
55502	DONELSON HILLS ELEMENTARY SCHOOL	Urban				None	Public School	None
55510	SCHOOLCRAFT ELEMENTARY SCHOOL	Urban				None	Public School	None
55514	WATERFORD KETTERING HIGH School	Urban				None	Public School	None
55515	PIERCE MIDDLE SCHOOL	Urban				None	Public School	None
55516	COOLEY ELEMENTARY SCHOOL	Urban				None	Public School	None
55517	GRAYSON ELEMENTARY	Urban				None	Pre-K; Public School	None
55518	MASON MIDDLE SCHOOL	Urban				None	Public School	None
55657	HOUGHTON ELEMENTARY SCHOOL	Urban				None	Public School	None
174478	KINGSLEY MONTGOMERY SCHOOL	Urban				None	Public School	None
16084981	Water Waterford Lifetracks - Crary Campus	Urban				None	Public School	None
16084980	Waterford Durant High School	Urban				None	Public School	None
16084978	Children's Village School	Urban				None	Public School	None
55511	Sepanski Early Childhood Center	Urban				None	Public School	None
54084	OAKLAND TECHNICAL CENTER SE	Urban	63000	08756		None	Public School	None
55560	OAKLAND TECH SCHOOL NE	Urban	6300	08812		None	Public School	None
55668	OAKLAND TECHNICAL CENTER SW	Urban	63000	08814		None	Public School	None
16026818	OAKLAND SCHOOLS TECHNICAL CAMPUS NW	Rural	63000	08813		None	Public School	None

BEN	Name	Urban/ Rural	State LEA ID	State School ID	NCES Code	Alternative Discount	School Attributes	Endowment
55520	FOREST ELEMENTARY SCHOOL	Urban				None	Public School	None
55522	BEECHVIEW ELEMENTARY SCHOOL	Urban				None	Public School	None
55523	WARNER MIDDLE SCHOOL	Urban				None	Public School	None
55526	NORTH FARMINGTON HIGH SCHOOL	Urban	63200	02729		None	Public School	None
55527	HIGHMEADOW COMMON CAMPUS SCHOOL	Urban	63200	07251		None	Public School	None
55528	WOOD CREEK ELEMENTARY SCHOOL	Urban				None	Public School	None
55529	O.E. DUNCKEL MIDDLE SCHOOL	Urban				None	Public School	None
55530	KENBROOK ELEMENTARY SCHOOL	Urban				None	Public School	None
55532	HARRISON HIGH SCHOOL	Urban				None	Public School	None
55533	HILLSIDE ELEMENTARY SCHOOL	Urban				None	Public School	None
55534	VISIONS UNLIMITED	Urban				None	Public School	None
55536	LONGACRE ELEMENTARY SCHOOL	Urban	63200	02252		None	Public School	None
55537	POWER MIDDLE SCHOOL	Urban				None	Public School; Pre-K	None
55538	GILL ELEMENTARY SCHOOL	Urban				None	Public School	None
55540	EAST MIDDLE SCHOOL	Urban				None	Public School	None
55544	J.A. LANIGAN ELEMENTARY SCHOOL	Urban				None	Public School	None
55545	FARMINGTON HIGH SCHOOL	Urban				None	Public School	None
55546	Farmington Central High School	Urban				None	Public School	None
55547	FARMINGTON COMMUNITY SCHOOL	Urban				None	Pre-K; Public School	None
55539	ALAMEDA EARLY CHILDHOOD CTR	Urban				None	Public School	None
55483	ROGERS ELEMENTARY SCHOOL	Urban	63030	04532	26 - 28740-6452		Public School	None
55552	KENNEDY CENTER	Urban	63030	08689	26 - 28740-1156		Public School	None
55553	ALCOTT ELEMENTARY SCHOOL	Urban	63030	00045	26 - 28740-6426		Public School	None
55555	OWEN ELEMENTARY SCHOOL	Urban	63030	02922	26 - 28740-6445		Public School	None
55556	PONTIAC HIGH SCHOOL	Urban	63030	02756	26 - 28740-6444		Public School	None
55558	PONTIAC MIDDLE SCHOOL	Urban	63030	01880	26 - 28740-6435		Public School	None
55572	Whitman Elementary School	Urban	63030	05752	26 - 28740-6454		Public School	None
55574	HERRINGTON ELEMENTARY SCHOOL	Urban	63030	01652	26 - 28740-7295		Public School	None
55577	WHITMER HUMAN RESOURCES CENTRE	Urban	63030	06213	26 - 28740- 662		Public School	None

BEN	Name	Urban/ Rural	State LEA ID	State School ID	NCES Code	Alternative Discount	School Attributes	Endowment
	AKA International Technology Academy							
55580	Pontiac Early Academy for Childhood Education	Urban					Public School; Pre-K	None
55582	CLARKSTON JUNIOR HIGH SCHOOL	Urban	63190	00705		None	Public School	None
55583	CLARKSTON HIGH SCHOOL	Urban	63190	00704		None	Public School	None
55584	CLARKSTON ELEMENTARY SCHOOL	Urban	63190	00704		None	Public School	None
55585	PINE KNOB ELEMENTARY SCHOOL	Urban	63190	03054		None	Public School	None
55586	NORTH SASHABAW ELEM SCHOOL	Urban	63190	05624		None	Public School	None
55588	SASHABAW MIDDLE SCHOOL	Urban	63190	05692		None	Pre-K; Public School	None
55589	BAILEY LAKE ELEMENTARY SCHOOL	Rural	00170	63190		None	Public School	None
55591	SPRINGFIELD PLAINS ELEMENTARY	Urban	63190	08056		None	Pre-K; Public School	None
55594	ANDERSONVILLE ELEM SCHOOL	Rural	00095	63190		None	Pre-K; Public School	None
179506	Clarkston Community Education	Urban	63190	09010		None	Public School	None
211623	INDEPENDENCE ELEMENTARY	Rural	63190	08714		None	Public School	None
16035652	EARLY CHILDHOOD CENTER	Urban	63190	03408		None	Pre-K; Public School	None
55601	HARBOR HIGH SCHOOL	Rural	63220	00964	26 - 18990- 964	None	Public School	None
55602	SPRING MILLS ELEMENTARY SCHOOL	Urban	63220	06490	26 - 18990- 5583	None	Public School	None
55603	MILFORD HIGH SCHOOL	Urban	63220	01801	26 - 18990- 5574	None	Public School	None
55607	HIGHLAND ELEMENTARY SCHOOL	Urban	63220	05787	26 - 18990- 5581	None	Public School	None
55642	MUIR MIDDLE SCHOOL	Urban	63220	02641	26 - 18990- 5576	None	Public School	None
55644	KURTZ ELEMENTARY SCHOOL	Urban	63220	05759	26 - 18990- 5580	None	Public School	None
55645	JOHNSON ELEMENTARY SCHOOL	Urban	63220	01965	26 - 18990- 5575	None	Public School	None
55646	COUNTRY OAKS ELEMENTARY SCHOOL	Urban	63220	07811	26 - 18990- 101	None	Public School	None
55647	OAK VALLEY MIDDLE SCHOOL	Urban	63220	07912	26 - 18990- 238	None	Public School	None
55650	BROOKS ELEMENTARY SCHOOL	Rural	63220	00413	26 - 18990- 5572	None	Public School	None
55651	LAKEWOOD ELEMENTARY SCHOOL	Urban	63220	06489	26 - 18990- 5582	None	Public School	None
55652	LAKELAND HIGH SCHOOL	Urban	63220	06491	26 - 18990- 5584	None	Public School	None
55653	WHITE LAKE MIDDLE SCHOOL	Urban	63220	06773	26 - 18990- 5585	None	Public School	None
55654	OXBOW ELEMENTARY SCHOOL	Urban	63220	07350	26 - 18990- 5578	None	Public School	None
187565	HERITAGE ELEMENTARY	Rural	63220	08608	26 - 18990- 1079	None	Public School	None

BEN	Name	Urban/ Rural	State LEA ID	State School ID	NCES Code	Alternative Discount	School Attributes	Endowment
55609	CARPENTER ELEMENTARY SCHOOL	Urban	632 30.0	8443.0				None
55611	LAKE ORION HIGH SCHOOL	Rural	632 30.0	2088.0				None
55612	ORION OAKS ELEMENTARY SCHOOL	Urban	632 30.0	8320.0			Pre-K	None
55613	STADIUM DR ELEMENTARY SCHOOL	Urban	632 30.0	6281.0				None
55614	WALDON MIDDLE SCHOOL	Urban	632 30.0	6405.0				None
55615	SCRIPPS MIDDLE SCHOOL	Urban	632 30.0	2086.0				None
55617	WEBBER ELEMENTARY SCHOOL	Urban	632 30.0	4414.0				None
55618	PINE TREE ELEMENTARY SCHOOL	Urban	632 30.0	6280.0				None
55619	BLANCHE SIMS ELEMENTARY SCHOOL	Urban	632 30.0	347.0				None
204837	COMMUNITY EDUCATION RESOURCE CENTER	Urban	632 30.0	2085.0			Pre-K	None
225071	PAINT CREEK ELEMENTARY SCHOOL	Urban	632 30.0	8811.0			Pre-K	None
235304	OAKVIEW MIDDLE SCHOOL	Rural	632 30.0	9049.0				None
55631	PARKVIEW ELEMENTARY SCHOOL	Urban				None	Public School	None
55632	NOVI WOODS ELEMENTARY SCHOOL	Urban				None	Public School	None
55633	NOVI MIDDLE SCHOOL	Urban				None	Public School	None
55634	NOVI MEADOWS ELEMENTARY SCHOOL	Urban				None	Public School	None
55637	NOVI HIGH SCHOOL	Urban				None	Public School	None
55638	ORCHARD HILLS ELEM SCHOOL	Urban				None	Public School	None
55639	VILLAGE OAKS ELEMENTARY SCHOOL	Urban				None	Public School	None
16022128	DEERFIELD ELEMENTARY	Urban				None	Public School	None
55468	PLEASANT LAKE ELEM SCHOOL	Urban	63290	07447	26 - 35160- 7675	None	Pre-K; Public School	None
55481	KEITH ELEMENTARY SCHOOL	Urban	63290	02001	26 - 35160- 2001	None	Pre-K; Public School	None
55640	HICKORY WOODS ELEMENTARY SCH	Urban	63290	07544	26 - 35160- 7674	None	Pre-K; Public School	None
55648	COMMERCE ELEMENTARY SCHOOL	Urban	63290	00763	26 - 35160- 7073	None	Pre-K; Public School	None
55649	C H SMART MIDDLE SCHOOL	Urban	63290	00721	26 - 35160- 7072	None	Public School	None
55655	DUBLIN ELEMENTARY SCHOOL	Urban	63290	00961	26 - 35160- 7075	None	Pre-K; Public School	None
55658	GLENGARY ELEMENTARY SCHOOL	Urban	63290	01420	26 - 35160- 7076	None	Public School	None
55659	WALLED LAKE CENTRAL HIGH	Urban	63290	04340	26 - 35160- 1613	None	Public School	None
55660	OAKLEY PARK ELEMENTARY SCHOOL	Urban	63290	02809	26 - 35160- 7078	None	Public School	None

BEN	Name	Urban/ Rural	State LEA ID	State School ID	NCES Code	Alternative Discount	School Attributes	Endowment
55662	MARY HELEN GUEST ELEM SCH	Urban	63290	00889	26 - 35160- 7074	None	Pre-K; Public School	None
55663	WALLED LAKE ELEMENTARY SCHOOL	Urban	63290	04341	26 - 35160- 7082	None	Pre-K; Public School	None
55665	WALLED LAKE COMMUNITY HIGH SCHOOL	Urban	63290	07792	26 - 35160- 1613	None	Adult Education; Public School	None
55666	WALLED LAKE WESTERN HIGH	Urban	63290	05705	26 - 35160- 7084	None	Public School	None
55667	JAMES R. GEISLER MIDDLE SCHOOL	Urban	63290	04339	26 - 35160- 7080	None	Public School	None
55669	LOON LAKE ELEMENTARY SCHOOL	Urban	63290	05706	26 - 35160- 7085	None	Pre-K; Public School	None
55670	WIXOM ELEMENTARY SCHOOL	Urban	63290	04571	26 - 35160- 7083	None	Public School	None
155469	WALNUT CREEK MIDDLE SCHOOL	Urban	63290	08610	26 - 35160- 1289	None	Public School	None
172600	MEADOWBROOK ELEMENTARY SCHOOL	Urban	63290	08577	26 - 35160- 969	None	Pre-K; Public School	None
204590	SARAH G. BANKS MIDDLE SCHOOL	Urban	63290	08611	26 - 35160- 1082	None	Public School	None
16021291	WALLED LAKE NORTHERN HIGH SCHOOL	Urban	63290	08995	26 - 35160- 1289	None	Public School	None
16035453	OUTDOOR EDUCATION CENTER	Rural	63290	00000	26 - 35160- 0	None	Public School	None
55593	DAVISBURG ELEMENTARY SCHOOL	Rural				None	Public School	None
55787	PATTERSON ELEMENTARY SCHOOL	Rural				None	Pre-K; Public School	None
55789	HOLLY HIGH SCHOOL	Rural				None	Public School	None
55790	HOLLY ELEMENTARY SCHOOL	Rural				None	Public School	None
55791	HOLLY MIDDLE SCHOOL	Rural				None	Public School	None
167971	ROSE PIONEER ELEMENTARY School	Rural				None	Public School	None
17006683	Karl Richter Campus	Rural				None	Public School	None
55858	BRANDON MIDDLE SCHOOL	Rural	05788	63180		None	Public School	None
55859	BRANDON SR HIGH SCHOOL	Rural	00385	63180		None	Public School	None
55860	HARVEY-SWANSON ELEMENTARY SCH	Rural	05846	63180		None	Pre-K; Public School	None
55861	BRANDON FLETCHER INTERMEDIATE SCHOOL	Rural	07722	63180		None	Pre-K; Public School	None
16056344	OAKWOOD ELEMENTARY	Rural	05180	63180		None	Pre-K; Public School	None
16082052	BRANDON ACADEMY OF ARTS & SCIENCES	Rural	2165	63180		None	Public School	None
55620	LEONARD ELEMENTARY SCHOOL	Rural	63110	02160		None	Public School	None
55624	OXFORD ELEMENTARY SCHOOL	Urban	63110	07997		None	Public School	None
55625	CLEAR LAKE ELEMENTARY SCHOOL	Urban				None	Public School	None
55627	DANIEL AXFORD ELEMENTARY SCH	Urban	63110	00868		None	Public School	None

BEN	Name	Urban/ Rural	State LEA ID	State School ID	NCES Code	Alternative Discount	School Attributes	Endowment
55628	OXFORD MIDDLE SCHOOL	Urban	63110	05879		None	Public School	None
204588	LAKEVILLE ELEMENTARY SCHOOL	Urban	63110	08629		None	Public School	None
221749	Oxford High School	Urban	63110	02437		None	Public School	None
16064365	OXFORD BRIDGES HIGH SCHOOL	Urban	63110	00382		None	Public School	None

Related Child School Entity - Discount Rate Calculation Details

BEN	Name	Urban/ Rural	Number of Students	Students Count Based on Estimate	CEP Percentage
53818	QUARTON ELEMENTARY	Urban	417	N/A	
53820	ERNEST W. SEAHOLM HIGH SCHOOL	Urban	1336	N/A	
53821	PIERCE ELEMENTARY SCHOOL	Urban	582	N/A	
53823	DERBY MIDDLE SCHOOL	Urban	842	N/A	
53861	BERKSHIRE MIDDLE SCHOOL	Urban	798	N/A	
53862	WYLIE E. GROVES HIGH SCHOOL	Urban	1234	N/A	
53863	BEVERLY ELEMENTARY SCHOOL	Urban	345	N/A	
53865	BINGHAM FARMS ELEMENTARY SCHOOL	Urban	293	N/A	
53867	GREENFIELD ELEMENTARY SCHOOL	Urban	289	N/A	
54160	PEMBROKE ELEMENTARY SCHOOL	Urban	324	N/A	
55348	WEST MAPLE ELEMENTARY SCHOOL	Urban	522	N/A	
55350	BIRMINGHAM COVINGTON SCHOOL	Urban	647	N/A	
55370	HARLAN ELEMENTARY SCHOOL	Urban	402	N/A	
53835	PAUL E SCHALM ELEM SCHOOL	Urban	423	N/A	
53836	CLAWSON MIDDLE SCHOOL	Urban	371	N/A	
53837	CLAWSON SR HIGH SCHOOL	Urban	595	N/A	
53838	KENWOOD ELEMENTARY SCHOOL	Urban	231	N/A	
53878	HOOVER ELEMENTARY SCHOOL	Urban	358	N/A	52.00%
53879	HAZEL PARK HIGH SCHOOL	Urban	916	N/A	52.00%
53880	HAZEL PARK JUNIOR HIGH	Urban	591	N/A	52.00%
53881	UNITED OAKS ELEMENTARY SCHOOL	Urban	387	N/A	52.00%
55090	EDISON MAX DAY TREATMENT	Urban	46	N/A	52.00%
55093	WEBB ELEMENTARY SCHOOL	Urban	347	N/A	52.00%
55100	JARDON VOCATIONAL SCHOOL	Urban	100	N/A	52.00%
16027314	HAZEL PARK ADVANTAGE ALTERNATIVE EDUCATION	Urban	29	N/A	52.00%
16027309	HAZEL PARK ALTERNATIVE HIGH SCHOOL	Rural	185	N/A	52.00%
53886	SOUTHFIELD HIGH SCHOOL	Urban	1047	N/A	
53888	Glenn W. Levey Middle School	Urban	279	N/A	
53889	MACARTHUR K-8 UNIVERSITY ACADEMY	Urban	450	N/A	
53890	Adlai Stevenson Elementary School	Urban	355	N/A	
54108	BRACE-LEDERLE ELEM SCHOOL	Urban	554	N/A	
54111	Morris Adler Elementary School	Urban	312	N/A	
54113	MCINTYRE ELEMENTARY SCHOOL	Urban	336	N/A	
54115	SOUTHFIELD-LATHRUP HIGH SCHOOL	Urban	880	N/A	
54117	Alice M. Birney K-8 School	Urban	671	N/A	

BEN	Name	Urban/ Rural	Number of Students	Students Count Based on Estimate	CEP Percentage
54119	VANDENBERG ELEMENTARY SCHOOL	Urban	357	N/A	
54121	Thompson K-8 International Academy	Urban	602	N/A	
16027315	SOUTHFIELD REGIONAL ACADEMIC CAMPUS	Urban	290	N/A	
54064	LAMPHERE HIGH SCHOOL	Urban	778	N/A	
54065	HILLER ELEMENTARY SCHOOL	Urban	316	N/A	68.00%
54066	SIMONDS ELEMENTARY SCHOOL	Urban	273	N/A	
54068	EDMONSON ELEMENTARY SCHOOL	Urban	286	N/A	
54076	LESSENGER ELEMENTARY SCHOOL	Urban	340	N/A	
54077	PAGE MIDDLE SCHOOL	Urban	566	N/A	
16049770	LAMPHERE CENTER	Urban	62	N/A	
54070	MADISON PREPARATORY HIGH SCHOOL	Urban	131	N/A	53.00%
54073	WILKINSON MIDDLE SCHOOL	Urban	239	N/A	53.00%
54074	MADISON HIGH SCHOOL	Urban	380	N/A	53.00%
54075	Keys Grace Academy	Urban	245	N/A	85.00%
160657	MADISON ELEMENTARY	Urban	428	N/A	53.00%
54061	BURTON ELEMENTARY SCHOOL	Urban	492	N/A	
54078	ANGELL ELEMENTARY SCHOOL	Urban	432	N/A	
54079	ANDERSON MIDDLE SCHOOL	Urban	588	N/A	
54080	PATTENGILL SCHOOL	Urban	304	N/A	
54082	ROGERS ELEMENTARY SCHOOL	Urban	423	N/A	
54083	BERKLEY HIGH SCHOOL	Urban	1348	N/A	
55281	NORUP INTERNATIONAL SCHOOL	Urban	769	N/A	
54049	KELLER (HELEN) ELEMENTARY	Urban	421	N/A	
54051	ROYAL OAK MIDDLE SCHOOL	Urban	1137	N/A	
54057	OAKLAND ELEMENTARY SCHOOL	Urban	275	N/A	
54085	Alfred E. Upton Elementary School	Urban	284	N/A	
54088	ROYAL OAK HIGH SCHOOL	Urban	1221	N/A	
54089	OAK RIDGE ELEMENTARY SCHOOL	Urban	421	N/A	
54091	ADDAMS (JANE) ELEMENTARY SCHOOL	Urban	537	N/A	
54093	NORTHWOOD ELEMENTARY SCHOOL	Urban	461	N/A	
16070088	CHURCHILL COMMUNITY HIGH SCHOOL	Urban	90	N/A	
54148	MORSE ELEMENTARY SCHOOL	Urban	467	N/A	
54154	WATTLES ELEMENTARY SCHOOL	Urban	494	N/A	
54155	BAKER MIDDLE SCHOOL	Urban	735	N/A	
54156	BARNARD ELEMENTARY SCHOOL	Urban	486	N/A	
54157	SCHROEDER ELEMENTARY SCHOOL	Urban	517	N/A	
54158	BOULAN PARK MIDDLE SCHOOL	Urban	830	N/A	
54159	BEMIS ELEMENTARY SCHOOL	Urban	521	N/A	
54229	HAMILTON ELEMENTARY SCHOOL	Urban	509	N/A	
54230	MARTELL ELEMENTARY SCHOOL	Urban	500	N/A	
54231	SMITH MIDDLE SCHOOL	Urban	696	N/A	
54232	TROY UNION ELEMENTARY SCHOOL	Urban	468	N/A	
54233	LARSON MIDDLE SCHOOL	Urban	725	N/A	
54234	ATHENS SENIOR HIGH SCHOOL	Urban	1575	N/A	
54235	HILL ELEMENTARY SCHOOL	Urban	324	N/A	

BEN	Name	Urban/ Rural	Number of Students	Students Count Based on Estimate	CEP Percentage
54236	WASS ELEMENTARY SCHOOL	Urban	426	N/A	
54237	TROY SENIOR HIGH SCHOOL	Urban	1981	N/A	
54238	LEONARD ELEMENTARY SCHOOL	Urban	435	N/A	
54239	COSTELLO ELEMENTARY SCHOOL	Urban	360	N/A	
54498	GRANDVIEW ELEMENTARY SCHOOL	Urban	416	N/A	
54500	CLARENCEVILLE MIDDLE SCHOOL	Urban	435	N/A	
54501	CLARENCEVILLE SR HIGH SCHOOL	Urban	573	N/A	
54502	BOTSFORD ELEMENTARY SCHOOL	Urban	425	N/A	
54575	DOLSEN (ANN L) ELEMENTARY SCHOOL	Urban	567	N/A	
54591	SALEM ELEMENTARY SCHOOL	Rural	444	N/A	
54640	BARTLETT (FRANK E) SCHOOL	Urban	481	N/A	
54641	SAYRE ELEMENTARY SCHOOL	Urban	606	N/A	
54642	SOUTH LYON HIGH SCHOOL	Urban	1249	N/A	
54643	MILLENNIUM MIDDLE SCHOOL	Urban	954	N/A	
54644	CENTENNIAL MIDDLE SCHOOL	Urban	1029	N/A	
227800	BRUMMER ELEMENTARY	Urban	632	N/A	
227802	KENT LAKE ELEMENTARY SCHOOL	Rural	641	N/A	
16030292	HARDY (SHARON J) ELEMENTARY SCHOOL	Urban	708	N/A	
16046507	SOUTH LYON EAST HIGH SCHOOL	Rural	984	N/A	
17012018	William A Pearson Elementary	Rural	536	N/A	
55091	COOLIDGE INTERMEDIATE SCHOOL	Urban	1	N/A	
55096	FERNDALDE SENIOR HIGH SCHOOL	Urban	770	N/A	
55097	Tri-County Educational Center	Urban	366	N/A	
55098	Ferndale Lower Elementary Campus	Urban	472	N/A	
55099	UNIVERSITY HIGH SCHOOL	Urban	455	N/A	
55288	Ferndale Upper Elementary Campus	Urban	507	N/A	
16049746	FERNDALDE MIDDLE SCHOOL	Urban	508	N/A	
55280	KEY ELEMENTARY SCHOOL	Urban	682	N/A	63.00%
55286	PEPPER ELEMENTARY SCHOOL	Urban	462	N/A	63.00%
55287	OAK PARK SENIOR HIGH SCHOOL	Urban	1489	N/A	63.00%
55293	EINSTEIN ELEMENTARY SCHOOL	Urban	655	N/A	63.00%
160274	OAK PARK PREPARATORY ACADEMY	Urban	588	N/A	63.00%
16068663	NOVA OF OAK PARK ALTERNATIVE EDUCATION	Urban	161	N/A	63.00%
55349	WING LAKE DEVELOPMENTAL CENTER	Urban	109	N/A	
55357	WAY ELEMENTARY SCHOOL	Urban	438	N/A	
55358	Bloomfield Hills High School	Urban	1690	N/A	
55359	CONANT ELEMENTARY SCHOOL	Urban	405	N/A	
55360	BLOOMFIELD HILLS MIDDLE SCHOOL	Urban	754	N/A	
55365	EAST HILLS MIDDLE SCHOOL	Urban	435	N/A	
55367	EASTOVER ELEMENTARY SCHOOL	Urban	539	N/A	
55472	LONE PINE ELEMENTARY SCHOOL	Urban	357	N/A	
55473	WEST HILLS MIDDLE SCHOOL	Urban	646	N/A	
204819	INTERNATIONAL ACADEMY	Urban	0	N/A	
17006201	Fox Hills Center	Urban	31	N/A	
55371	BALDWIN ELEMENTARY SCHOOL	Urban	560	N/A	

BEN	Name	Urban/ Rural	Number of Students	Students Count Based on Estimate	CEP Percentage
55372	HUGGER ELEMENTARY SCHOOL	Urban	546	N/A	
55373	MUSSON ELEMENTARY SCHOOL	Urban	497	N/A	
55374	ROCHESTER ADAMS HIGH SCHOOL	Urban	1599	N/A	
55375	BREWSTER ELEMENTARY SCHOOL	Urban	408	N/A	
55376	VAN HOOSSEN MIDDLE SCHOOL	Urban	864	N/A	
55377	HART MIDDLE SCHOOL	Urban	1120	N/A	
55378	NORTH HILL ELEMENTARY SCHOOL	Urban	554	N/A	
55380	ROCHESTER HIGH SCHOOL	Urban	1661	N/A	
55382	MCGREGOR ELEMENTARY SCHOOL	Urban	466	N/A	
55383	HAMLIN ELEMENTARY SCHOOL	Urban	388	N/A	
55384	HAMPTON ELEMENTARY SCHOOL	Urban	443	N/A	
55387	BROOKLANDS ELEMENTARY SCHOOL	Urban	629	N/A	
55388	REUTHER MIDDLE SCHOOL	Urban	714	N/A	
55389	ALTERNATIVE CENTER FOR EDUCATION	Urban	80	N/A	
55390	LONG MEADOW ELEMENTARY SCHOOL	Urban	580	N/A	
55391	WEST MIDDLE SCHOOL	Urban	857	N/A	
55392	MEADOW BROOK ELEMENTARY SCHOOL	Urban	424	N/A	
55393	UNIVERSITY HILLS ELEM SCHOOL	Urban	477	N/A	
234374	DELTA KELLY ELEMENTARY SCHOOL	Urban	556	N/A	
234376	STONEY CREEK HIGH SCHOOL	Urban	1598	N/A	
55460	ROOSEVELT ELEMENTARY SCHOOL	Urban	457	N/A	
55462	ORCHARD LAKE MIDDLE SCHOOL	Urban	639	N/A	
55469	SHEIKO ELEMENTARY SCHOOL	Urban	490	N/A	
55470	WEST BLOOMFIELD SR HIGH SCHOOL	Urban	1688	N/A	
55471	DOHERTY ELEMENTARY SCHOOL	Urban	427	N/A	
55476	GRETCHKO ELEMENTARY SCHOOL	Urban	425	N/A	
55478	ABBOTT MIDDLE SCHOOL	Urban	657	N/A	
55480	SCOTCH ELEMENTARY SCHOOL	Urban	544	N/A	
55396	DEERFIELD ELEMENTARY SCHOOL	Urban	387	N/A	
55397	AVONDALE MIDDLE SCHOOL	Urban	702	N/A	
55398	AVONDALE-MEADOWS UPPER ELEM	Urban	17	N/A	
55485	AVONDALE HIGH SCHOOL	Urban	917	N/A	
55486	AUBURN ELEMENTARY SCHOOL	Urban	379	N/A	
55488	R. GRANT GRAHAM ELEMENTARY SCHOOL	Urban	394	N/A	
224732	WOODLAND ELEMENTARY SCHOOL	Urban	364	N/A	
16030436	AVONDALE ACADEMY	Urban	113	N/A	
55490	BEAUMONT ELEMENTARY SCHOOL	Urban	367	N/A	
55492	RIVERSIDE ELEMENTARY SCHOOL	Urban	384	N/A	
55494	KNUDSEN ELEMENTARY SCHOOL	Urban	343	N/A	
55496	HAVILAND ELEMENTARY SCHOOL	Urban	357	N/A	
55499	WATERFORD MOTT HIGH SCHOOL	Urban	1474	N/A	
55502	DONELSON HILLS ELEMENTARY SCHOOL	Urban	531	N/A	
55510	SCHOOLCRAFT ELEMENTARY SCHOOL	Urban	432	N/A	
55514	WATERFORD KETTERING HIGH School	Urban	1422	N/A	
55515	PIERCE MIDDLE SCHOOL	Urban	982	N/A	

BEN	Name	Urban/ Rural	Number of Students	Students Count Based on Estimate	CEP Percentage
55516	COOLEY ELEMENTARY SCHOOL	Urban	482	N/A	
55517	GRAYSON ELEMENTARY	Urban	533	N/A	
55518	MASON MIDDLE SCHOOL	Urban	1057	N/A	
55657	HOUGHTON ELEMENTARY SCHOOL	Urban	310	N/A	
174478	KINGSLEY MONTGOMERY SCHOOL	Urban	95	N/A	
16084981	Water Waterford Lifetracks - Crary Campus	Urban	60	N/A	
16084980	Waterford Durant High School	Urban	201	N/A	
16084978	Children's Village School	Urban	151	N/A	
55511	Sepanski Early Childhood Center	Urban	75	N/A	
54084	OAKLAND TECHNICAL CENTER SE	Urban	631	N/A	
55560	OAKLAND TECH SCHOOL NE	Urban	636	N/A	
55668	OAKLAND TECHNICAL CENTER SW	Urban	591	N/A	
16026818	OAKLAND SCHOOLS TECHNICAL CAMPUS NW	Rural	643	N/A	
55520	FOREST ELEMENTARY SCHOOL	Urban	397	N/A	
55522	BEECHVIEW ELEMENTARY SCHOOL	Urban	283	N/A	
55523	WARNER MIDDLE SCHOOL	Urban	709	N/A	
55526	NORTH FARMINGTON HIGH SCHOOL	Urban	1259	N/A	
55527	HIGHMEADOW COMMON CAMPUS SCHOOL	Urban	248	N/A	
55528	WOOD CREEK ELEMENTARY SCHOOL	Urban	336	N/A	
55529	O.E. DUNCKEL MIDDLE SCHOOL	Urban	711	N/A	
55530	KENBROOK ELEMENTARY SCHOOL	Urban	363	N/A	
55532	HARRISON HIGH SCHOOL	Urban	1083	N/A	
55533	HILLSIDE ELEMENTARY SCHOOL	Urban	535	N/A	
55534	VISIONS UNLIMITED	Urban	81	N/A	
55536	LONGACRE ELEMENTARY SCHOOL	Urban	352	N/A	
55537	POWER MIDDLE SCHOOL	Urban	629	N/A	
55538	GILL ELEMENTARY SCHOOL	Urban	424	N/A	
55540	EAST MIDDLE SCHOOL	Urban	836	N/A	
55544	J.A. LANIGAN ELEMENTARY SCHOOL	Urban	440	N/A	
55545	FARMINGTON HIGH SCHOOL	Urban	1168	N/A	
55546	Farmington Central High School	Urban	111	N/A	
55547	FARMINGTON COMMUNITY SCHOOL	Urban	63	N/A	
55539	ALAMEDA EARLY CHILDHOOD CTR	Urban	23	N/A	
55483	ROGERS ELEMENTARY SCHOOL	Urban	410	N/A	66.00%
55552	KENNEDY CENTER	Urban	95	N/A	66.00%
55553	ALCOTT ELEMENTARY SCHOOL	Urban	448	N/A	66.00%
55555	OWEN ELEMENTARY SCHOOL	Urban	410	N/A	66.00%
55556	PONTIAC HIGH SCHOOL	Urban	847	N/A	66.00%
55558	PONTIAC MIDDLE SCHOOL	Urban	799	N/A	66.00%
55572	Whitman Elementary School	Urban	606	N/A	66.00%
55574	HERRINGTON ELEMENTARY SCHOOL	Urban	489	N/A	66.00%
55577	WHITMER HUMAN RESOURCES CENTRE AKA International Technology Academy	Urban	774	N/A	66.00%
55580	Pontiac Early Academy for Childhood Education	Urban	33	N/A	66.00%
55582	CLARKSTON JUNIOR HIGH SCHOOL	Urban	1268	N/A	

BEN	Name	Urban/ Rural	Number of Students	Students Count Based on Estimate	CEP Percentage
55583	CLARKSTON HIGH SCHOOL	Urban	1881	N/A	
55584	CLARKSTON ELEMENTARY SCHOOL	Urban	381	N/A	
55585	PINE KNOB ELEMENTARY SCHOOL	Urban	471	N/A	
55586	NORTH SASHABAW ELEM SCHOOL	Urban	384	N/A	
55588	SASHABAW MIDDLE SCHOOL	Urban	1179	N/A	
55589	BAILEY LAKE ELEMENTARY SCHOOL	Rural	553	N/A	
55591	SPRINGFIELD PLAINS ELEMENTARY	Urban	514	N/A	
55594	ANDERSONVILLE ELEM SCHOOL	Rural	337	N/A	
179506	Clarkston Community Education	Urban	209	N/A	
211623	INDEPENDENCE ELEMENTARY	Rural	481	N/A	
16035652	EARLY CHILDHOOD CENTER	Urban	431	N/A	
55601	HARBOR HIGH SCHOOL	Rural	121	N/A	
55602	SPRING MILLS ELEMENTARY SCHOOL	Urban	452	N/A	
55603	MILFORD HIGH SCHOOL	Urban	1369	N/A	
55607	HIGHLAND ELEMENTARY SCHOOL	Urban	336	N/A	
55642	MUIR MIDDLE SCHOOL	Urban	769	N/A	
55644	KURTZ ELEMENTARY SCHOOL	Urban	432	N/A	
55645	JOHNSON ELEMENTARY SCHOOL	Urban	406	N/A	
55646	COUNTRY OAKS ELEMENTARY SCHOOL	Urban	622	N/A	
55647	OAK VALLEY MIDDLE SCHOOL	Urban	732	N/A	
55650	BROOKS ELEMENTARY SCHOOL	Rural	279	N/A	
55651	LAKEWOOD ELEMENTARY SCHOOL	Urban	382	N/A	
55652	LAKELAND HIGH SCHOOL	Urban	1827	N/A	
55653	WHITE LAKE MIDDLE SCHOOL	Urban	735	N/A	
55654	OXBOW ELEMENTARY SCHOOL	Urban	395	N/A	
187565	HERITAGE ELEMENTARY	Rural	571	N/A	
55609	CARPENTER ELEMENTARY SCHOOL	Urban	0	N/A	
55611	LAKE ORION HIGH SCHOOL	Rural	0	N/A	
55612	ORION OAKS ELEMENTARY SCHOOL	Urban	0	N/A	
55613	STADIUM DR ELEMENTARY SCHOOL	Urban	0	N/A	
55614	WALDON MIDDLE SCHOOL	Urban	0	N/A	
55615	SCRIPPS MIDDLE SCHOOL	Urban	0	N/A	
55617	WEBBER ELEMENTARY SCHOOL	Urban	0	N/A	
55618	PINE TREE ELEMENTARY SCHOOL	Urban	0	N/A	
55619	BLANCHE SIMS ELEMENTARY SCHOOL	Urban	0	N/A	
204837	COMMUNITY EDUCATION RESOURCE CENTER	Urban	0	N/A	
225071	PAINT CREEK ELEMENTARY SCHOOL	Urban	0	N/A	
235304	OAKVIEW MIDDLE SCHOOL	Rural	0	N/A	
55631	PARKVIEW ELEMENTARY SCHOOL	Urban	587	N/A	
55632	NOVI WOODS ELEMENTARY SCHOOL	Urban	436	N/A	
55633	NOVI MIDDLE SCHOOL	Urban	1050	N/A	
55634	NOVI MEADOWS ELEMENTARY SCHOOL	Urban	1009	N/A	
55637	NOVI HIGH SCHOOL	Urban	2006	N/A	
55638	ORCHARD HILLS ELEM SCHOOL	Urban	373	N/A	
55639	VILLAGE OAKS ELEMENTARY SCHOOL	Urban	496	N/A	

BEN	Name	Urban/ Rural	Number of Students	Students Count Based on Estimate	CEP Percentage
16022128	DEERFIELD ELEMENTARY	Urban	455	N/A	
55468	PLEASANT LAKE ELEM SCHOOL	Urban	618	N/A	
55481	KEITH ELEMENTARY SCHOOL	Urban	655	N/A	
55640	HICKORY WOODS ELEMENTARY SCH	Urban	603	N/A	
55648	COMMERCE ELEMENTARY SCHOOL	Urban	624	N/A	
55649	C H SMART MIDDLE SCHOOL	Urban	1047	N/A	
55655	DUBLIN ELEMENTARY SCHOOL	Urban	579	N/A	
55658	GLENGARY ELEMENTARY SCHOOL	Urban	355	N/A	
55659	WALLED LAKE CENTRAL HIGH	Urban	1752	N/A	
55660	OAKLEY PARK ELEMENTARY SCHOOL	Urban	368	N/A	
55662	MARY HELEN GUEST ELEM SCH	Urban	396	N/A	
55663	WALLED LAKE ELEMENTARY SCHOOL	Urban	407	N/A	
55665	WALLED LAKE COMMUNITY HIGH SCHOOL	Urban	209	N/A	
55666	WALLED LAKE WESTERN HIGH	Urban	1333	N/A	
55667	JAMES R. GEISLER MIDDLE SCHOOL	Urban	694	N/A	
55669	LOON LAKE ELEMENTARY SCHOOL	Urban	530	N/A	
55670	WIXOM ELEMENTARY SCHOOL	Urban	454	N/A	
155469	WALNUT CREEK MIDDLE SCHOOL	Urban	816	N/A	
172600	MEADOWBROOK ELEMENTARY SCHOOL	Urban	549	N/A	
204590	SARAH G. BANKS MIDDLE SCHOOL	Urban	821	N/A	
16021291	WALLED LAKE NORTHERN HIGH SCHOOL	Urban	1597	N/A	
16035453	OUTDOOR EDUCATION CENTER	Rural	423	N/A	
55593	DAVISBURG ELEMENTARY SCHOOL	Rural	305	N/A	
55787	PATTERSON ELEMENTARY SCHOOL	Rural	418	N/A	
55789	HOLLY HIGH SCHOOL	Rural	1185	N/A	
55790	HOLLY ELEMENTARY SCHOOL	Rural	354	N/A	
55791	HOLLY MIDDLE SCHOOL	Rural	744	N/A	
167971	ROSE PIONEER ELEMENTARY School	Rural	332	N/A	
17006683	Karl Richter Campus	Rural	27	N/A	
55858	BRANDON MIDDLE SCHOOL	Rural	390	N/A	
55859	BRANDON SR HIGH SCHOOL	Rural	973	N/A	
55860	HARVEY-SWANSON ELEMENTARY SCH	Rural	304	N/A	
55861	BRANDON FLETCHER INTERMEDIATE SCHOOL	Rural	534	N/A	
16056344	OAKWOOD ELEMENTARY	Rural	294	N/A	
16082052	BRANDON ACADEMY OF ARTS & SCIENCES	Rural	84	N/A	
55620	LEONARD ELEMENTARY SCHOOL	Rural	254	N/A	
55624	OXFORD ELEMENTARY SCHOOL	Urban	442	N/A	
55625	CLEAR LAKE ELEMENTARY SCHOOL	Urban	477	N/A	
55627	DANIEL AXFORD ELEMENTARY SCH	Urban	390	N/A	
55628	OXFORD MIDDLE SCHOOL	Urban	1133	N/A	
204588	LAKEVILLE ELEMENTARY SCHOOL	Urban	368	N/A	
221749	Oxford High School	Urban	1645	N/A	
16064365	OXFORD BRIDGES HIGH SCHOOL	Urban	52	N/A	

Related School District NIFs

School District BEN	School District Name	NIF BEN	NIF Name
130800	CLAWSON PUBLIC SCHOOLS	16027646	BAKER ADMINISTRATION CENTER
130806	HAZEL PARK PUBLIC SCHOOLS	16027313	HAZEL PARK COMMUNITY SCHOOLS SERVICE CENTER
130808	SOUTHFIELD PUBLIC SCHOOL	16027317	ADMINISTRATION BUILDING
130842	ROYAL OAK PUBLIC SCHOOL DIST	230242	ROYAL OAK SCHOOL ADMINISTRATIVE OFFICE
130842	ROYAL OAK PUBLIC SCHOOL DIST	16070086	MAINTENANCE /TRANSPORTATION CENTER
130917	SOUTH LYON COMM SCHOOL DIST	16027701	SOUTH LYON ADMINISTRATION OFFICE
130917	SOUTH LYON COMM SCHOOL DIST	16064352	GRISWOLD OPERATION CENTER
130955	FERNDAL PUBLIC SCHOOL DIST	55089	FERNDAL ADMINISTRATION BUILDING
130971	ROCHESTER COMM SCHOOL DISTRICT	16025760	ADMINISTRATIVE CENTER
130978	WEST BLOOMFIELD SCHOOL DISTRICT	204591	ADMINISTRATIVE AND COMMUNITY SERVICES
130980	WATERFORD SCHOOL DISTRICT	16035244	COVERT CENTER
130980	WATERFORD SCHOOL DISTRICT	16035245	TRANSPORTATION BUILDING
130980	WATERFORD SCHOOL DISTRICT	16035246	MAINTENANCE & WAREHOUSE
130980	WATERFORD SCHOOL DISTRICT	16076181	KURZMAN ADMINISTRATION BUILDING
130981	OAKLAND SCHOOLS	202077	OAKLAND IDS ADMIN BUILDING
130981	OAKLAND SCHOOLS	16050797	OAKLAND SCHOOLS SUMMIT CAMPUS
130984	FARMINGTON PUBLIC SCHOOLS	16027329	Information Technology Annex Administration
130986	PONTIAC CITY SCHOOL DISTRICT	16057144	ADMINISTRATION BUILDING
130988	CLARKSTON COMM SCHOOL DISTRICT	16035653	ADMINISTRATION BUILDING
130988	CLARKSTON COMM SCHOOL DISTRICT	16035654	TRANSPORTATION BUILDING
131001	WALLED LAKE CONSOL SCH DIST	16035452	ADMINISTRATION ENTITY (OPERATIONS)
131001	WALLED LAKE CONSOL SCH DIST	16035454	ADMINISTRATION ENTITY (EDUCATIONAL SERVICES CENTER)

Discount Rate

Category One Discount Rate	Category Two Discount Rate	Voice Discount Rate
60%	59%	8%

School District Discount Rate

School District Enrollment	School District NSLP Count	School District NSLP Percentage	School District Urban/Rural Status	Category One Discount Rate	Category Two Discount Rate	Voice Discount Rate
8031	535	7.0%	Urban	40%	40%	0%
1620	574	36.0%	Urban	60%	60%	0%
2959	2466	84.0%	Urban	90%	85%	30%
6133	3745	62.0%	Urban	80%	80%	20%
2621	1300	50.0%	Urban	80%	80%	20%
1423	1246	88.0%	Urban	90%	85%	30%
4356	690	16.0%	Urban	40%	40%	0%
4847	1042	22.0%	Urban	50%	50%	0%
12049	1417	12.0%	Urban	40%	40%	0%
1849	1019	56.0%	Urban	80%	80%	20%

School District Enrollment	School District NSLP Count	School District NSLP Percentage	School District Urban/Rural Status	Category One Discount Rate	Category Two Discount Rate	Voice Discount Rate
8831	1288	15.0%	Urban	40%	40%	0%
3079	1947	64.0%	Urban	80%	80%	20%
4037	4037	100.0%	Urban	90%	85%	30%
5655	515	10.0%	Urban	40%	40%	0%
15021	1405	10.0%	Urban	40%	40%	0%
5327	1364	26.0%	Urban	50%	50%	0%
3273	1064	33.0%	Urban	50%	50%	0%
9256	4924	54.0%	Urban	80%	80%	20%
2501	905	37.0%	Urban	60%	60%	0%
10051	2249	23.0%	Urban	50%	50%	0%
4911	4911	100.0%	Urban	90%	85%	30%
8089	1595	20.0%	Urban	50%	50%	0%
9428	2168	23.0%	Urban	50%	50%	0%
7542	1475	20.0%	Urban	50%	50%	0%
6412	370	6.0%	Urban	40%	40%	0%
14830	3081	21.0%	Urban	50%	50%	0%
3365	1319	40.0%	Rural	70%	70%	10%
2579	863	34.0%	Rural	60%	60%	0%
4761	921	20.0%	Urban	40%	40%	0%

Funding Request for FRN #1799072922

Funding Request Nickname: CDW FW Clarenceville

Service Type: Internal Connections

Agreement Information - Contract

Contract Number	NA	Account Number	NA
Establishing FCC Form 470	170070879	Service Provider	CDW Government LLC (SPN: 143005588)
Was an FCC Form 470 posted for the product and/or services you are requesting?	Yes	Based on State Master Contract?	No
Award Date	May 09, 2017	Based on a multiple award schedule?	No
How many bids were received for this contract?	4	Includes Voluntary Extensions?	No
What is the service start date?	July 01, 2017	Remaining Voluntary Extensions	
		Total Remaining Contract Length	
		What is the date your contract expires for the current term of the contract?	September 30, 2018

Pricing Confidentiality

Is there a statute, rule, or other restriction which prohibits publication of the specific pricing information for this contract? No

Narrative Firewall - Clarenceville

Line Item # 1799072922.001

Product and Service Details

Type of Internal Connection	Data Protection	Type of Product	Firewall Services & Components
Make	Cisco Systems	Model	FPR2130-NGFW-K9
Is installation included in Price?	No	Is the hardware for this FRN line item leased?	No

Cost Calculation for FRN Line Item # 1799072922.001

Monthly Cost	
Monthly Recurring Unit Cost	\$0.00
Monthly Recurring Unit Ineligible Costs	- \$0.00
Monthly Recurring Unit Eligible Costs	= \$0.00
Monthly Quantity	x 1
Units	0
Total Monthly Eligible Recurring Costs	= \$0.00
Months of Service	x 12
Total Eligible Recurring Costs	= \$0.00

One-Time Cost	
One-time Unit Cost	\$10,198.30
One-time Ineligible Unit Costs	- \$0.00
One-time Eligible Unit Cost	= \$10,198.30
One-time Quantity	x 1
Total Eligible One-time Costs	= \$10,198.30
Summary	
Total Eligible Recurring Costs	\$0.00
Total Eligible One-time Costs	+ \$10,198.30
Pre-Discout Extended Eligible Line Item Cost	= \$10,198.30

Recipients of Services

BEN	Name	Amount
54498	GRANDVIEW ELEMENTARY SCHOOL	\$2,549.58
54500	CLARENCEVILLE MIDDLE SCHOOL	\$2,549.58
54501	CLARENCEVILLE SR HIGH SCHOOL	\$2,549.57
54502	BOTSFORD ELEMENTARY SCHOOL	\$2,549.57

Line Item # 1799072922.002

Product and Service Details

Type of Internal Connection	Data Protection	Type of Product	Firewall Services & Components
Make	Cisco Systems	Model	FPR2K-PWR-AC-400
Is installation included in Price?	No	Is the hardware for this FRN line item leased?	No

Cost Calculation for FRN Line Item # 1799072922.002

Monthly Cost	
Monthly Recurring Unit Cost	\$0.00
Monthly Recurring Unit Ineligible Costs	- \$0.00
Monthly Recurring Unit Eligible Costs	= \$0.00
Monthly Quantity	x 1
Units	0
Total Monthly Eligible Recurring Costs	= \$0.00
Months of Service	x 12
Total Eligible Recurring Costs	= \$0.00

One-Time Cost	
One-time Unit Cost	\$850.00
One-time Ineligible Unit Costs	- \$0.00
One-time Eligible Unit Cost	= \$850.00
One-time Quantity	x 1
Total Eligible One-time Costs	= \$850.00
Summary	
Total Eligible Recurring Costs	\$0.00
Total Eligible One-time Costs	+ \$850.00
Pre-Discout Extended Eligible Line Item Cost	= \$850.00

Recipients of Services

BEN	Name	Amount
54498	GRANDVIEW ELEMENTARY SCHOOL	\$212.50
54500	CLARENCEVILLE MIDDLE SCHOOL	\$212.50
54501	CLARENCEVILLE SR HIGH SCHOOL	\$212.50
54502	BOTSFORD ELEMENTARY SCHOOL	\$212.50

FRN Calculation for FRN #1799072922

Monthly Charges	
Total Monthly Recurring Charges	\$0.00
Total Monthly Ineligible Charges	- \$0.00
Total Monthly Eligible Charges	= \$0.00
Total Number of Months of Service	x 12
Total Eligible Pre-Discount Recurring Charges	= \$0.00

One-Time Charges	
Total One-Time Charges	\$11,048.30
Total Ineligible One-Time Charges	- \$0.00
Total Eligible Pre-Discount One-Time Charges	= \$11,048.30

Total Requested Amount	
Total Eligible Pre-Discount Recurring Charges	\$0.00
Total Eligible Pre-Discount One-Time Charges	+ \$11,048.30
Total Pre-Discount Charges	= \$11,048.30
Discount Rate	59%
Funding Commitment Request	= \$6,518.50

Funding Request for FRN #1799072948

Funding Request Nickname: CDW FW Clawson

Service Type: Internal Connections

Agreement Information - Contract

Contract Number	NA	Account Number	NA
Establishing FCC Form 470	170070879	Service Provider	CDW Government LLC (SPN: 143005588)
Was an FCC Form 470 posted for the product and/or services you are requesting?	Yes	Based on State Master Contract?	No
Award Date	May 09, 2017	Based on a multiple award schedule?	No
How many bids were received for this contract?	4	Includes Voluntary Extensions?	No
What is the service start date?	July 01, 2017	Remaining Voluntary Extensions	
		Total Remaining Contract Length	
		What is the date your contract expires for the current term of the contract?	September 30, 2018

Pricing Confidentiality

Is there a statute, rule, or other restriction which prohibits publication of the specific pricing information for this contract? No

Narrative Firewall - Clawson

Line Item # 1799072948.001

Product and Service Details

Type of Internal Connection	Data Protection	Type of Product	Firewall Services & Components
Make	Cisco Systems	Model	FPR2130-NGFW-K9
Is installation included in Price?	No	Is the hardware for this FRN line item leased?	No

Cost Calculation for FRN Line Item # 1799072948.001

Monthly Cost		One-Time Cost	
Monthly Recurring Unit Cost	\$0.00	One-time Unit Cost	\$10,198.30
Monthly Recurring Unit Ineligible Costs	- \$0.00	One-time Ineligible Unit Costs	- \$0.00
Monthly Recurring Unit Eligible Costs	= \$0.00	One-time Eligible Unit Cost	= \$10,198.30
Monthly Quantity	x 1	One-time Quantity	x 1
Units	0	Total Eligible One-time Costs	= \$10,198.30
Total Monthly Eligible Recurring Costs	= \$0.00	Summary	
Months of Service	x 12	Total Eligible Recurring Costs	\$0.00
Total Eligible Recurring Costs	= \$0.00	Total Eligible One-time Costs	+ \$10,198.30
		Pre-Discout Extended Eligible Line Item Cost	= \$10,198.30

Recipients of Services

BEN	Name	Amount
53835	PAUL E SCHALM ELEM SCHOOL	\$2,549.58
53836	CLAWSON MIDDLE SCHOOL	\$2,549.58
53837	CLAWSON SR HIGH SCHOOL	\$2,549.57
53838	KENWOOD ELEMENTARY SCHOOL	\$2,549.57

Line Item # 1799072948.002

Product and Service Details

Type of Internal Connection	Data Protection	Type of Product	Firewall Services & Components
Make	Cisco Systems	Model	FPR2K-PWR-AC-400
Is installation included in Price?	No	Is the hardware for this FRN line item leased?	No

Cost Calculation for FRN Line Item # 1799072948.002

Monthly Cost	
Monthly Recurring Unit Cost	\$0.00
Monthly Recurring Unit Ineligible Costs	- \$0.00
Monthly Recurring Unit Eligible Costs	= \$0.00
Monthly Quantity	x 1
Units	0
Total Monthly Eligible Recurring Costs	= \$0.00
Months of Service	x 12
Total Eligible Recurring Costs	= \$0.00

One-Time Cost	
One-time Unit Cost	\$850.00
One-time Ineligible Unit Costs	- \$0.00
One-time Eligible Unit Cost	= \$850.00
One-time Quantity	x 1
Total Eligible One-time Costs	= \$850.00
Summary	
Total Eligible Recurring Costs	\$0.00
Total Eligible One-time Costs	+ \$850.00
Pre-Discout Extended Eligible Line Item Cost	= \$850.00

Recipients of Services

BEN	Name	Amount
53835	PAUL E SCHALM ELEM SCHOOL	\$212.50
53836	CLAWSON MIDDLE SCHOOL	\$212.50
53837	CLAWSON SR HIGH SCHOOL	\$212.50
53838	KENWOOD ELEMENTARY SCHOOL	\$212.50

FRN Calculation for FRN #1799072948

Monthly Charges	
Total Monthly Recurring Charges	\$0.00
Total Monthly Ineligible Charges	- \$0.00
Total Monthly Eligible Charges	= \$0.00
Total Number of Months of Service	x 12
Total Eligible Pre-Discount Recurring Charges	= \$0.00

One-Time Charges	
Total One-Time Charges	\$11,048.30
Total Ineligible One-Time Charges	- \$0.00
Total Eligible Pre-Discount One-Time Charges	= \$11,048.30

Total Requested Amount	
Total Eligible Pre-Discount Recurring Charges	\$0.00
Total Eligible Pre-Discount One-Time Charges	+ \$11,048.30
Total Pre-Discount Charges	= \$11,048.30
Discount Rate	59%
Funding Commitment Request	= \$6,518.50

Funding Request for FRN #1799072957

Funding Request Nickname: CDW FW Lake Orion

Service Type: Internal Connections

Agreement Information - Contract

Contract Number	NA	Account Number	NA
Establishing FCC Form 470	170070879	Service Provider	CDW Government LLC (SPN: 143005588)
Was an FCC Form 470 posted for the product and/or services you are requesting?	Yes	Based on State Master Contract?	No
Award Date	May 09, 2017	Based on a multiple award schedule?	No
How many bids were received for this contract?	4	Includes Voluntary Extensions?	No
What is the service start date?	July 01, 2017	Remaining Voluntary Extensions	
		Total Remaining Contract Length	
		What is the date your contract expires for the current term of the contract?	September 30, 2018

Pricing Confidentiality

Is there a statute, rule, or other restriction which prohibits publication of the specific pricing information for this contract? No

Narrative Firewall - Lake Orion

Line Item # 1799072957.001

Product and Service Details

Type of Internal Connection	Data Protection	Type of Product	Firewall Services & Components
Make	Cisco Systems	Model	FPR2130-NGFW-K9
Is installation included in Price?	No	Is the hardware for this FRN line item leased?	No

Cost Calculation for FRN Line Item # 1799072957.001

Monthly Cost	
Monthly Recurring Unit Cost	\$0.00
Monthly Recurring Unit Ineligible Costs	- \$0.00
Monthly Recurring Unit Eligible Costs	= \$0.00
Monthly Quantity	x 1
Units	0
Total Monthly Eligible Recurring Costs	= \$0.00
Months of Service	x 12
Total Eligible Recurring Costs	= \$0.00

One-Time Cost	
One-time Unit Cost	\$10,198.30
One-time Ineligible Unit Costs	- \$0.00
One-time Eligible Unit Cost	= \$10,198.30
One-time Quantity	x 1
Total Eligible One-time Costs	= \$10,198.30
Summary	
Total Eligible Recurring Costs	\$0.00
Total Eligible One-time Costs	+ \$10,198.30
Pre-Discout Extended Eligible Line Item Cost	= \$10,198.30

Recipients of Services

BEN	Name	Amount
204837	COMMUNITY EDUCATION RESOURCE CENTER	\$849.86
225071	PAINT CREEK ELEMENTARY SCHOOL	\$849.86
235304	OAKVIEW MIDDLE SCHOOL	\$849.86
55609	CARPENTER ELEMENTARY SCHOOL	\$849.86
55611	LAKE ORION HIGH SCHOOL	\$849.86
55612	ORION OAKS ELEMENTARY SCHOOL	\$849.86
55613	STADIUM DR ELEMENTARY SCHOOL	\$849.86
55614	WALDON MIDDLE SCHOOL	\$849.86
55615	SCRIPPS MIDDLE SCHOOL	\$849.86
55617	WEBBER ELEMENTARY SCHOOL	\$849.86
55618	PINE TREE ELEMENTARY SCHOOL	\$849.85
55619	BLANCHE SIMS ELEMENTARY SCHOOL	\$849.85

Line Item # 1799072957.002

Product and Service Details

Type of Internal Connection	Data Protection	Type of Product	Firewall Services & Components
Make	Cisco Systems	Model	FPR2K-PWR-AC-400
Is installation included in Price?	No	Is the hardware for this FRN line item leased?	No

Cost Calculation for FRN Line Item # 1799072957.002

Monthly Cost		One-Time Cost	
Monthly Recurring Unit Cost	\$0.00	One-time Unit Cost	\$850.00
Monthly Recurring Unit Ineligible Costs	- \$0.00	One-time Ineligible Unit Costs	- \$0.00
Monthly Recurring Unit Eligible Costs	= \$0.00	One-time Eligible Unit Cost	= \$850.00
Monthly Quantity	x 1	One-time Quantity	x 1
Units	0	Total Eligible One-time Costs	= \$850.00
Total Monthly Eligible Recurring Costs	= \$0.00	Summary	
Months of Service	x 12	Total Eligible Recurring Costs	\$0.00
Total Eligible Recurring Costs	= \$0.00	Total Eligible One-time Costs	+ \$850.00
		Pre-Discout Extended Eligible Line Item Cost	= \$850.00

Recipients of Services

BEN	Name	Amount
204837	COMMUNITY EDUCATION RESOURCE CENTER	\$70.84
225071	PAINT CREEK ELEMENTARY SCHOOL	\$70.84
235304	OAKVIEW MIDDLE SCHOOL	\$70.84
55609	CARPENTER ELEMENTARY SCHOOL	\$70.84
55611	LAKE ORION HIGH SCHOOL	\$70.83
55612	ORION OAKS ELEMENTARY SCHOOL	\$70.83
55613	STADIUM DR ELEMENTARY SCHOOL	\$70.83
55614	WALDON MIDDLE SCHOOL	\$70.83
55615	SCRIPPS MIDDLE SCHOOL	\$70.83
55617	WEBBER ELEMENTARY SCHOOL	\$70.83
55618	PINE TREE ELEMENTARY SCHOOL	\$70.83
55619	BLANCHE SIMS ELEMENTARY SCHOOL	\$70.83

FRN Calculation for FRN #1799072957

Monthly Charges	
Total Monthly Recurring Charges	\$0.00
Total Monthly Ineligible Charges	- \$0.00
Total Monthly Eligible Charges	= \$0.00
Total Number of Months of Service	x 12
Total Eligible Pre-Discount Recurring Charges	= \$0.00

One-Time Charges	
Total One-Time Charges	\$11,048.30
Total Ineligible One-Time Charges	- \$0.00
Total Eligible Pre-Discount One-Time Charges	= \$11,048.30

Total Requested Amount	
Total Eligible Pre-Discount Recurring Charges	\$0.00
Total Eligible Pre-Discount One-Time Charges	+ \$11,048.30
Total Pre-Discount Charges	= \$11,048.30
Discount Rate	59%
Funding Commitment Request	= \$6,518.50

Funding Request for FRN #1799072963

Funding Request Nickname: CDW FW Novi

Service Type: Internal Connections

Agreement Information - Contract

Contract Number	NA	Account Number	NA
Establishing FCC Form 470	170070879	Service Provider	CDW Government LLC (SPN: 143005588)
Was an FCC Form 470 posted for the product and/or services you are requesting?	Yes	Based on State Master Contract?	No
Award Date	May 09, 2017	Based on a multiple award schedule?	No
How many bids were received for this contract?	4	Includes Voluntary Extensions?	No
What is the service start date?	July 01, 2017	Remaining Voluntary Extensions	
		Total Remaining Contract Length	
		What is the date your contract expires for the current term of the contract?	September 30, 2018

Pricing Confidentiality

Is there a statute, rule, or other restriction which prohibits publication of the specific pricing information for this contract? No

Narrative Firewall - Novi

Line Item # 1799072963.001

Product and Service Details

Type of Internal Connection	Data Protection	Type of Product	Firewall Services & Components
Make	Cisco Systems	Model	FPR2130-NGFW-K9
Is installation included in Price?	No	Is the hardware for this FRN line item leased?	No

Cost Calculation for FRN Line Item # 1799072963.001

Monthly Cost	
Monthly Recurring Unit Cost	\$0.00
Monthly Recurring Unit Ineligible Costs	- \$0.00
Monthly Recurring Unit Eligible Costs	= \$0.00
Monthly Quantity	x 1
Units	0
Total Monthly Eligible Recurring Costs	= \$0.00
Months of Service	x 12
Total Eligible Recurring Costs	= \$0.00

One-Time Cost	
One-time Unit Cost	\$10,198.30
One-time Ineligible Unit Costs	- \$0.00
One-time Eligible Unit Cost	= \$10,198.30
One-time Quantity	x 1
Total Eligible One-time Costs	= \$10,198.30
Summary	
Total Eligible Recurring Costs	\$0.00
Total Eligible One-time Costs	+ \$10,198.30
Pre-Discout Extended Eligible Line Item Cost	= \$10,198.30

Recipients of Services

BEN	Name	Amount
16022128	DEERFIELD ELEMENTARY	\$1,274.79
55631	PARKVIEW ELEMENTARY SCHOOL	\$1,274.79
55632	NOVI WOODS ELEMENTARY SCHOOL	\$1,274.79
55633	NOVI MIDDLE SCHOOL	\$1,274.79
55634	NOVI MEADOWS ELEMENTARY SCHOOL	\$1,274.79
55637	NOVI HIGH SCHOOL	\$1,274.79
55638	ORCHARD HILLS ELEM SCHOOL	\$1,274.78
55639	VILLAGE OAKS ELEMENTARY SCHOOL	\$1,274.78

Line Item # 1799072963.002

Product and Service Details

Type of Internal Connection	Data Protection	Type of Product	Firewall Services & Components
Make	Cisco Systems	Model	FPR2K-PWR-AC-400
Is installation included in Price?	No	Is the hardware for this FRN line item leased?	No

Cost Calculation for FRN Line Item # 1799072963.002

Monthly Cost	
Monthly Recurring Unit Cost	\$0.00
Monthly Recurring Unit Ineligible Costs	- \$0.00
Monthly Recurring Unit Eligible Costs	= \$0.00
Monthly Quantity	x 1
Units	0
Total Monthly Eligible Recurring Costs	= \$0.00
Months of Service	x 12
Total Eligible Recurring Costs	= \$0.00

One-Time Cost	
One-time Unit Cost	\$850.00
One-time Ineligible Unit Costs	- \$0.00
One-time Eligible Unit Cost	= \$850.00
One-time Quantity	x 1
Total Eligible One-time Costs	= \$850.00
Summary	
Total Eligible Recurring Costs	\$0.00
Total Eligible One-time Costs	+ \$850.00
Pre-Discout Extended Eligible Line Item Cost	= \$850.00

Recipients of Services

BEN	Name	Amount
16022128	DEERFIELD ELEMENTARY	\$106.25
55631	PARKVIEW ELEMENTARY SCHOOL	\$106.25
55632	NOVI WOODS ELEMENTARY SCHOOL	\$106.25
55633	NOVI MIDDLE SCHOOL	\$106.25
55634	NOVI MEADOWS ELEMENTARY SCHOOL	\$106.25
55637	NOVI HIGH SCHOOL	\$106.25
55638	ORCHARD HILLS ELEM SCHOOL	\$106.25
55639	VILLAGE OAKS ELEMENTARY SCHOOL	\$106.25

FRN Calculation for FRN #1799072963

Monthly Charges	
Total Monthly Recurring Charges	\$0.00
Total Monthly Ineligible Charges	- \$0.00
Total Monthly Eligible Charges	= \$0.00
Total Number of Months of Service	x 12
Total Eligible Pre-Discount Recurring Charges	= \$0.00

One-Time Charges	
Total One-Time Charges	\$11,048.30
Total Ineligible One-Time Charges	- \$0.00
Total Eligible Pre-Discount One-Time Charges	= \$11,048.30

Total Requested Amount	
Total Eligible Pre-Discount Recurring Charges	\$0.00
Total Eligible Pre-Discount One-Time Charges	+ \$11,048.30
Total Pre-Discount Charges	= \$11,048.30
Discount Rate	59%
Funding Commitment Request	= \$6,518.50

Funding Request for FRN #1799072967

Funding Request Nickname: CDW FW Pontiac

Service Type: Internal Connections

Agreement Information - Contract

Contract Number	NA	Account Number	NA
Establishing FCC Form 470	170070879	Service Provider	CDW Government LLC (SPN: 143005588)
Was an FCC Form 470 posted for the product and/or services you are requesting?	Yes	Based on State Master Contract?	No
Award Date	May 09, 2017	Based on a multiple award schedule?	No
How many bids were received for this contract?	4	Includes Voluntary Extensions?	No
What is the service start date?	July 01, 2017	Remaining Voluntary Extensions	
		Total Remaining Contract Length	
		What is the date your contract expires for the current term of the contract?	September 30, 2018

Pricing Confidentiality

Is there a statute, rule, or other restriction which prohibits publication of the specific pricing information for this contract? No

Narrative Firewall - Pontiac

Line Item # 1799072967.001

Product and Service Details

Type of Internal Connection	Data Protection	Type of Product	Firewall Services & Components
Make	Cisco Systems	Model	FPR2130-NGFW-K9
Is installation included in Price?	No	Is the hardware for this FRN line item leased?	No

Cost Calculation for FRN Line Item # 1799072967.001

Monthly Cost	
Monthly Recurring Unit Cost	\$0.00
Monthly Recurring Unit Ineligible Costs	- \$0.00
Monthly Recurring Unit Eligible Costs	= \$0.00
Monthly Quantity	x 1
Units	0
Total Monthly Eligible Recurring Costs	= \$0.00
Months of Service	x 12
Total Eligible Recurring Costs	= \$0.00

One-Time Cost	
One-time Unit Cost	\$10,198.30
One-time Ineligible Unit Costs	- \$0.00
One-time Eligible Unit Cost	= \$10,198.30
One-time Quantity	x 1
Total Eligible One-time Costs	= \$10,198.30
Summary	
Total Eligible Recurring Costs	\$0.00
Total Eligible One-time Costs	+ \$10,198.30
Pre-Discout Extended Eligible Line Item Cost	= \$10,198.30

Recipients of Services

BEN	Name	Amount
55483	ROGERS ELEMENTARY SCHOOL	\$1,019.83
55552	KENNEDY CENTER	\$1,019.83
55553	ALCOTT ELEMENTARY SCHOOL	\$1,019.83
55555	OWEN ELEMENTARY SCHOOL	\$1,019.83
55556	PONTIAC HIGH SCHOOL	\$1,019.83
55558	PONTIAC MIDDLE SCHOOL	\$1,019.83
55572	Whitman Elementary School	\$1,019.83
55574	HERRINGTON ELEMENTARY SCHOOL	\$1,019.83
55577	WHITMER HUMAN RESOURCES CENTRE AKA International Technology Academy	\$1,019.83
55580	Pontiac Early Academy for Childhood Education	\$1,019.83

Line Item # 1799072967.002

Product and Service Details

Type of Internal Connection	Data Protection	Type of Product	Firewall Services & Components
Make	Cisco Systems	Model	FPR2K-PWR-AC-400
Is installation included in Price?	No	Is the hardware for this FRN line item leased?	No

Cost Calculation for FRN Line Item # 1799072967.002

Monthly Cost		One-Time Cost	
Monthly Recurring Unit Cost	\$0.00	One-time Unit Cost	\$850.00
Monthly Recurring Unit Ineligible Costs	- \$0.00	One-time Ineligible Unit Costs	- \$0.00
Monthly Recurring Unit Eligible Costs	= \$0.00	One-time Eligible Unit Cost	= \$850.00
Monthly Quantity	x 1	One-time Quantity	x 1
Units	0	Total Eligible One-time Costs	= \$850.00
Total Monthly Eligible Recurring Costs	= \$0.00	Summary	
Months of Service	x 12	Total Eligible Recurring Costs	\$0.00
Total Eligible Recurring Costs	= \$0.00	Total Eligible One-time Costs	+ \$850.00
		Pre-Discout Extended Eligible Line Item Cost	= \$850.00

Recipients of Services

BEN	Name	Amount
55483	ROGERS ELEMENTARY SCHOOL	\$85.00
55552	KENNEDY CENTER	\$85.00
55553	ALCOTT ELEMENTARY SCHOOL	\$85.00
55555	OWEN ELEMENTARY SCHOOL	\$85.00
55556	PONTIAC HIGH SCHOOL	\$85.00
55558	PONTIAC MIDDLE SCHOOL	\$85.00
55572	Whitman Elementary School	\$85.00
55574	HERRINGTON ELEMENTARY SCHOOL	\$85.00
55577	WHITMER HUMAN RESOURCES CENTRE AKA International Technology Academy	\$85.00
55580	Pontiac Early Academy for Childhood Education	\$85.00

FRN Calculation for FRN #1799072967

Monthly Charges	
Total Monthly Recurring Charges	\$0.00
Total Monthly Ineligible Charges	- \$0.00
Total Monthly Eligible Charges	= \$0.00
Total Number of Months of Service	x 12
Total Eligible Pre-Discount Recurring Charges	= \$0.00

One-Time Charges	
Total One-Time Charges	\$11,048.30
Total Ineligible One-Time Charges	- \$0.00
Total Eligible Pre-Discount One-Time Charges	= \$11,048.30

Total Requested Amount	
Total Eligible Pre-Discount Recurring Charges	\$0.00
Total Eligible Pre-Discount One-Time Charges	+ \$11,048.30
Total Pre-Discount Charges	= \$11,048.30
Discount Rate	59%
Funding Commitment Request	= \$6,518.50

Funding Request for FRN #1799072976

Funding Request Nickname: CDW FW Royal Oak

Service Type: Internal Connections

Agreement Information - Contract

Contract Number	NA	Account Number	NA
Establishing FCC Form 470	170070879	Service Provider	CDW Government LLC (SPN: 143005588)
Was an FCC Form 470 posted for the product and/or services you are requesting?	Yes	Based on State Master Contract?	No
Award Date	May 09, 2017	Based on a multiple award schedule?	No
How many bids were received for this contract?	4	Includes Voluntary Extensions?	No
What is the service start date?	July 01, 2017	Remaining Voluntary Extensions	
		Total Remaining Contract Length	
		What is the date your contract expires for the current term of the contract?	September 30, 2018

Pricing Confidentiality

Is there a statute, rule, or other restriction which prohibits publication of the specific pricing information for this contract? No

Narrative Firewall - Royal Oak

Line Item # 1799072976.001

Product and Service Details

Type of Internal Connection	Data Protection	Type of Product	Firewall Services & Components
Make	Cisco Systems	Model	FPR2130-NGFW-K9
Is installation included in Price?	No	Is the hardware for this FRN line item leased?	No

Cost Calculation for FRN Line Item # 1799072976.001

Monthly Cost	
Monthly Recurring Unit Cost	\$0.00
Monthly Recurring Unit Ineligible Costs	- \$0.00
Monthly Recurring Unit Eligible Costs	= \$0.00
Monthly Quantity	x 1
Units	0
Total Monthly Eligible Recurring Costs	= \$0.00
Months of Service	x 12
Total Eligible Recurring Costs	= \$0.00

One-Time Cost	
One-time Unit Cost	\$10,198.30
One-time Ineligible Unit Costs	- \$0.00
One-time Eligible Unit Cost	= \$10,198.30
One-time Quantity	x 1
Total Eligible One-time Costs	= \$10,198.30
Summary	
Total Eligible Recurring Costs	\$0.00
Total Eligible One-time Costs	+ \$10,198.30
Pre-Discout Extended Eligible Line Item Cost	= \$10,198.30

Recipients of Services

BEN	Name	Amount
16070088	CHURCHILL COMMUNITY HIGH SCHOOL	\$1,133.15
54049	KELLER (HELEN) ELEMENTARY	\$1,133.15
54051	ROYAL OAK MIDDLE SCHOOL	\$1,133.15
54057	OAKLAND ELEMENTARY SCHOOL	\$1,133.15
54085	Alfred E. Upton Elementary School	\$1,133.14
54088	ROYAL OAK HIGH SCHOOL	\$1,133.14
54089	OAK RIDGE ELEMENTARY SCHOOL	\$1,133.14
54091	ADDAMS (JANE) ELEMENTARY SCHOOL	\$1,133.14
54093	NORTHWOOD ELEMENTARY SCHOOL	\$1,133.14

Line Item # 1799072976.002

Product and Service Details

Type of Internal Connection	Data Protection	Type of Product	Firewall Services & Components
Make	Cisco Systems	Model	FPR2K-PWR-AC-400
Is installation included in Price?	No	Is the hardware for this FRN line item leased?	No

Cost Calculation for FRN Line Item # 1799072976.002

Monthly Cost	
Monthly Recurring Unit Cost	\$0.00
Monthly Recurring Unit Ineligible Costs	- \$0.00
Monthly Recurring Unit Eligible Costs	= \$0.00
Monthly Quantity	x 1
Units	0
Total Monthly Eligible Recurring Costs	= \$0.00
Months of Service	x 12
Total Eligible Recurring Costs	= \$0.00

One-Time Cost	
One-time Unit Cost	\$850.00
One-time Ineligible Unit Costs	- \$0.00
One-time Eligible Unit Cost	= \$850.00
One-time Quantity	x 1
Total Eligible One-time Costs	= \$850.00
Summary	
Total Eligible Recurring Costs	\$0.00
Total Eligible One-time Costs	+ \$850.00
Pre-Discout Extended Eligible Line Item Cost	= \$850.00

Recipients of Services

BEN	Name	Amount
55460	ROOSEVELT ELEMENTARY SCHOOL	\$106.25
55462	ORCHARD LAKE MIDDLE SCHOOL	\$106.25
55469	SHEIKO ELEMENTARY SCHOOL	\$106.25
55470	WEST BLOOMFIELD SR HIGH SCHOOL	\$106.25
55471	DOHERTY ELEMENTARY SCHOOL	\$106.25
55476	GRETCHKO ELEMENTARY SCHOOL	\$106.25
55478	ABBOTT MIDDLE SCHOOL	\$106.25
55480	SCOTCH ELEMENTARY SCHOOL	\$106.25

FRN Calculation for FRN #1799072976

Monthly Charges	
Total Monthly Recurring Charges	\$0.00
Total Monthly Ineligible Charges	- \$0.00
Total Monthly Eligible Charges	= \$0.00
Total Number of Months of Service	x 12
Total Eligible Pre-Discount Recurring Charges	= \$0.00

One-Time Charges	
Total One-Time Charges	\$11,048.30
Total Ineligible One-Time Charges	- \$0.00
Total Eligible Pre-Discount One-Time Charges	= \$11,048.30

Total Requested Amount	
Total Eligible Pre-Discount Recurring Charges	\$0.00
Total Eligible Pre-Discount One-Time Charges	+ \$11,048.30
Total Pre-Discount Charges	= \$11,048.30
Discount Rate	59%
Funding Commitment Request	= \$6,518.50

Funding Request for FRN #1799072984

Funding Request Nickname: CDW FW West Bloomfield

Service Type: Internal Connections

Agreement Information - Contract

Contract Number	NA	Account Number	NA
Establishing FCC Form 470	170070879	Service Provider	CDW Government LLC (SPN: 143005588)
Was an FCC Form 470 posted for the product and/or services you are requesting?	Yes	Based on State Master Contract?	No
Award Date	May 09, 2017	Based on a multiple award schedule?	No
How many bids were received for this contract?	4	Includes Voluntary Extensions?	No
What is the service start date?	July 01, 2017	Remaining Voluntary Extensions	
		Total Remaining Contract Length	
		What is the date your contract expires for the current term of the contract?	September 30, 2018

Pricing Confidentiality

Is there a statute, rule, or other restriction which prohibits publication of the specific pricing information for this contract? No

Narrative Firewall - West Bloomfield

Line Item # 1799072984.001

Product and Service Details

Type of Internal Connection	Data Protection	Type of Product	Firewall Services & Components
Make	Cisco Systems	Model	FPR2130-NGFW-K9
Is installation included in Price?	No	Is the hardware for this FRN line item leased?	No

Cost Calculation for FRN Line Item # 1799072984.001

Monthly Cost	
Monthly Recurring Unit Cost	\$0.00
Monthly Recurring Unit Ineligible Costs	- \$0.00
Monthly Recurring Unit Eligible Costs	= \$0.00
Monthly Quantity	x 1
Units	0
Total Monthly Eligible Recurring Costs	= \$0.00
Months of Service	x 12
Total Eligible Recurring Costs	= \$0.00

One-Time Cost	
One-time Unit Cost	\$10,198.30
One-time Ineligible Unit Costs	- \$0.00
One-time Eligible Unit Cost	= \$10,198.30
One-time Quantity	x 1
Total Eligible One-time Costs	= \$10,198.30
Summary	
Total Eligible Recurring Costs	\$0.00
Total Eligible One-time Costs	+ \$10,198.30
Pre-Discout Extended Eligible Line Item Cost	= \$10,198.30

Recipients of Services

BEN	Name	Amount
54498	GRANDVIEW ELEMENTARY SCHOOL	\$2,549.58
54500	CLARENCEVILLE MIDDLE SCHOOL	\$2,549.58
54501	CLARENCEVILLE SR HIGH SCHOOL	\$2,549.57
54502	BOTSFORD ELEMENTARY SCHOOL	\$2,549.57

Line Item # 1799072984.002

Product and Service Details

Type of Internal Connection	Data Protection	Type of Product	Firewall Services & Components
Make	Cisco Systems	Model	FPR2K-PWR-AC-400
Is installation included in Price?	No	Is the hardware for this FRN line item leased?	No

Cost Calculation for FRN Line Item # 1799072984.002

Monthly Cost		One-Time Cost	
Monthly Recurring Unit Cost	\$0.00	One-time Unit Cost	\$850.00
Monthly Recurring Unit Ineligible Costs	- \$0.00	One-time Ineligible Unit Costs	- \$0.00
Monthly Recurring Unit Eligible Costs	= \$0.00	One-time Eligible Unit Cost	= \$850.00
Monthly Quantity	x 1	One-time Quantity	x 1
Units	0	Total Eligible One-time Costs	= \$850.00
Total Monthly Eligible Recurring Costs	= \$0.00	Summary	
Months of Service	x 12	Total Eligible Recurring Costs	\$0.00
Total Eligible Recurring Costs	= \$0.00	Total Eligible One-time Costs	+ \$850.00
		Pre-Discout Extended Eligible Line Item Cost	= \$850.00

Recipients of Services

BEN	Name	Amount
54498	GRANDVIEW ELEMENTARY SCHOOL	\$212.50
54500	CLARENCEVILLE MIDDLE SCHOOL	\$212.50
54501	CLARENCEVILLE SR HIGH SCHOOL	\$212.50
54502	BOTSFORD ELEMENTARY SCHOOL	\$212.50

FRN Calculation for FRN #1799072984

Monthly Charges	
Total Monthly Recurring Charges	\$0.00
Total Monthly Ineligible Charges	- \$0.00
Total Monthly Eligible Charges	= \$0.00
Total Number of Months of Service	x 12
Total Eligible Pre-Discount Recurring Charges	= \$0.00

One-Time Charges	
Total One-Time Charges	\$11,048.30
Total Ineligible One-Time Charges	- \$0.00
Total Eligible Pre-Discount One-Time Charges	= \$11,048.30

Total Requested Amount	
Total Eligible Pre-Discount Recurring Charges	\$0.00
Total Eligible Pre-Discount One-Time Charges	+ \$11,048.30
Total Pre-Discount Charges	= \$11,048.30
Discount Rate	59%
Funding Commitment Request	= \$6,518.50

Funding Request for FRN #1799073224

Funding Request Nickname: Error Correction

Service Type: Internal Connections

Agreement Information - Month-to-Month

Establishing FCC Form 470	170070879	Account Number	NA
Was an FCC Form 470 posted for the product and/or services you are requesting?	Yes	Service Provider	CDW Government LLC (SPN: 143005588)
How many bids were received for this contract?	1	When will the services end?	June 30, 2018
What is the service start date?	July 01, 2017		

Pricing Confidentiality

Is there a statute, rule, or other restriction which prohibits publication of the specific pricing information for this contract? No

Narrative Error correction so 471 error go away.

Line Item # 1799073224.001

Product and Service Details

Type of Internal Connection	Miscellaneous	Type of Product	Fees, Taxes, etc.
Make	Other	Model	Error Correction
Is installation included in Price?	No	Is the hardware for this FRN line item leased?	No

Cost Calculation for FRN Line Item # 1799073224.001

Monthly Cost	
Monthly Recurring Unit Cost	\$0.00
Monthly Recurring Unit Ineligible Costs	- \$0.00
Monthly Recurring Unit Eligible Costs	= \$0.00
Monthly Quantity	x 1
Units	0
Total Monthly Eligible Recurring Costs	= \$0.00
Months of Service	x 12
Total Eligible Recurring Costs	= \$0.00

One-Time Cost	
One-time Unit Cost	\$0.01
One-time Ineligible Unit Costs	- \$0.00
One-time Eligible Unit Cost	= \$0.01
One-time Quantity	x 1
Total Eligible One-time Costs	= \$0.01
Summary	
Total Eligible Recurring Costs	\$0.00
Total Eligible One-time Costs	+ \$0.01
Pre-Discout Extended Eligible Line Item Cost	= \$0.01

Recipients of Services

BEN	Name	Amount
53818	QUARTON ELEMENTARY	\$0.01
53820	ERNEST W. SEAHOLM HIGH SCHOOL	\$0.00
53821	PIERCE ELEMENTARY SCHOOL	\$0.00
53823	DERBY MIDDLE SCHOOL	\$0.00
53861	BERKSHIRE MIDDLE SCHOOL	\$0.00
53862	WYLIE E. GROVES HIGH SCHOOL	\$0.00
53863	BEVERLY ELEMENTARY SCHOOL	\$0.00
53865	BINGHAM FARMS ELEMENTARY SCHOOL	\$0.00
53867	GREENFIELD ELEMENTARY SCHOOL	\$0.00
54160	PEMBROKE ELEMENTARY SCHOOL	\$0.00
16027309	HAZEL PARK ALTERNATIVE HIGH SCHOOL	\$0.00
16027314	HAZEL PARK ADVANTAGE ALTERNATIVE EDUCATION	\$0.00
53878	HOOVER ELEMENTARY SCHOOL	\$0.00
53879	HAZEL PARK HIGH SCHOOL	\$0.00
53880	HAZEL PARK JUNIOR HIGH	\$0.00
53881	UNITED OAKS ELEMENTARY SCHOOL	\$0.00
55090	EDISON MAX DAY TREATMENT	\$0.00
55093	WEBB ELEMENTARY SCHOOL	\$0.00
55100	JARDON VOCATIONAL SCHOOL	\$0.00
16027315	SOUTHFIELD REGIONAL ACADEMIC CAMPUS	\$0.00
53886	SOUTHFIELD HIGH SCHOOL	\$0.00
53888	Glenn W. Levey Middle School	\$0.00
53889	MACARTHUR K-8 UNIVERSITY ACADEMY	\$0.00
53890	Adlai Stevenson Elementary School	\$0.00
54108	BRACE-LEDERLE ELEM SCHOOL	\$0.00
54111	Morris Adler Elementary School	\$0.00
54113	MCINTYRE ELEMENTARY SCHOOL	\$0.00
54115	SOUTHFIELD-LATHRUP HIGH SCHOOL	\$0.00
54117	Alice M. Birney K-8 School	\$0.00
16049770	LAMPHERE CENTER	\$0.00
54064	LAMPHERE HIGH SCHOOL	\$0.00
54065	HILLER ELEMENTARY SCHOOL	\$0.00
54066	SIMONDS ELEMENTARY SCHOOL	\$0.00
54068	EDMONSON ELEMENTARY SCHOOL	\$0.00
54076	LESSENGER ELEMENTARY SCHOOL	\$0.00
54077	PAGE MIDDLE SCHOOL	\$0.00
160657	MADISON ELEMENTARY	\$0.00
54070	MADISON PREPARATORY HIGH SCHOOL	\$0.00
54073	WILKINSON MIDDLE SCHOOL	\$0.00
54074	MADISON HIGH SCHOOL	\$0.00
54075	Keys Grace Academy	\$0.00
54061	BURTON ELEMENTARY SCHOOL	\$0.00
54078	ANGELL ELEMENTARY SCHOOL	\$0.00
54079	ANDERSON MIDDLE SCHOOL	\$0.00

BEN	Name	Amount
54080	PATTENGILL SCHOOL	\$0.00
54082	ROGERS ELEMENTARY SCHOOL	\$0.00
54083	BERKLEY HIGH SCHOOL	\$0.00
55281	NORUP INTERNATIONAL SCHOOL	\$0.00
54148	MORSE ELEMENTARY SCHOOL	\$0.00
54154	WATTLES ELEMENTARY SCHOOL	\$0.00
54155	BAKER MIDDLE SCHOOL	\$0.00
54156	BARNARD ELEMENTARY SCHOOL	\$0.00
54157	SCHROEDER ELEMENTARY SCHOOL	\$0.00
54158	BOULAN PARK MIDDLE SCHOOL	\$0.00
54159	BEMIS ELEMENTARY SCHOOL	\$0.00
54229	HAMILTON ELEMENTARY SCHOOL	\$0.00
54230	MARTELL ELEMENTARY SCHOOL	\$0.00
54231	SMITH MIDDLE SCHOOL	\$0.00
16030292	HARDY (SHARON J) ELEMENTARY SCHOOL	\$0.00
16046507	SOUTH LYON EAST HIGH SCHOOL	\$0.00
17012018	William A Pearson Elementary	\$0.00
227800	BRUMMER ELEMENTARY	\$0.00
227802	KENT LAKE ELEMENTARY SCHOOL	\$0.00
54575	DOLSEN (ANN L) ELEMENTARY SCHOOL	\$0.00
54591	SALEM ELEMENTARY SCHOOL	\$0.00
54640	BARTLETT (FRANK E) SCHOOL	\$0.00
54641	SAYRE ELEMENTARY SCHOOL	\$0.00
54642	SOUTH LYON HIGH SCHOOL	\$0.00
16049746	FERNDALDE MIDDLE SCHOOL	\$0.00
55091	COOLIDGE INTERMEDIATE SCHOOL	\$0.00
55096	FERNDALDE SENIOR HIGH SCHOOL	\$0.00
55097	Tri-County Educational Center	\$0.00
55098	Ferndale Lower Elementary Campus	\$0.00
55099	UNIVERSITY HIGH SCHOOL	\$0.00
55288	Ferndale Upper Elementary Campus	\$0.00
160274	OAK PARK PREPARATORY ACADEMY	\$0.00
16068663	NOVA OF OAK PARK ALTERNATIVE EDUCATION	\$0.00
55280	KEY ELEMENTARY SCHOOL	\$0.00
55286	PEPPER ELEMENTARY SCHOOL	\$0.00
55287	OAK PARK SENIOR HIGH SCHOOL	\$0.00
55293	EINSTEIN ELEMENTARY SCHOOL	\$0.00
17006201	Fox Hills Center	\$0.00
204819	INTERNATIONAL ACADEMY	\$0.00
55349	WING LAKE DEVELOPMENTAL CENTER	\$0.00
55357	WAY ELEMENTARY SCHOOL	\$0.00
55358	Bloomfield Hills High School	\$0.00
55359	CONANT ELEMENTARY SCHOOL	\$0.00
55360	BLOOMFIELD HILLS MIDDLE SCHOOL	\$0.00
55365	EAST HILLS MIDDLE SCHOOL	\$0.00
55367	EASTOVER ELEMENTARY SCHOOL	\$0.00

BEN	Name	Amount
55472	LONE PINE ELEMENTARY SCHOOL	\$0.00
234374	DELTA KELLY ELEMENTARY SCHOOL	\$0.00
234376	STONEY CREEK HIGH SCHOOL	\$0.00
55371	BALDWIN ELEMENTARY SCHOOL	\$0.00
55372	HUGGER ELEMENTARY SCHOOL	\$0.00
55373	MUSSON ELEMENTARY SCHOOL	\$0.00
55374	ROCHESTER ADAMS HIGH SCHOOL	\$0.00
55375	BREWSTER ELEMENTARY SCHOOL	\$0.00
55376	VAN HOOSSEN MIDDLE SCHOOL	\$0.00
55377	HART MIDDLE SCHOOL	\$0.00
55378	NORTH HILL ELEMENTARY SCHOOL	\$0.00
16030436	AVONDALE ACADEMY	\$0.00
224732	WOODLAND ELEMENTARY SCHOOL	\$0.00
55396	DEERFIELD ELEMENTARY SCHOOL	\$0.00
55397	AVONDALE MIDDLE SCHOOL	\$0.00
55398	AVONDALE-MEADOWS UPPER ELEM	\$0.00
55485	AVONDALE HIGH SCHOOL	\$0.00
55486	AUBURN ELEMENTARY SCHOOL	\$0.00
55488	R. GRANT GRAHAM ELEMENTARY SCHOOL	\$0.00
16084978	Children's Village School	\$0.00
16084980	Waterford Durant High School	\$0.00
16084981	Water Waterford Lifetracks - Crary Campus	\$0.00
174478	KINGSLEY MONTGOMERY SCHOOL	\$0.00
55490	BEAUMONT ELEMENTARY SCHOOL	\$0.00
55492	RIVERSIDE ELEMENTARY SCHOOL	\$0.00
55494	KNUDSEN ELEMENTARY SCHOOL	\$0.00
55496	HAVILAND ELEMENTARY SCHOOL	\$0.00
55499	WATERFORD MOTT HIGH SCHOOL	\$0.00
55502	DONELSON HILLS ELEMENTARY SCHOOL	\$0.00
16026818	OAKLAND SCHOOLS TECHNICAL CAMPUS NW	\$0.00
54084	OAKLAND TECHNICAL CENTER SE	\$0.00
55560	OAKLAND TECH SCHOOL NE	\$0.00
55668	OAKLAND TECHNICAL CENTER SW	\$0.00
55520	FOREST ELEMENTARY SCHOOL	\$0.00
55522	BEECHVIEW ELEMENTARY SCHOOL	\$0.00
55523	WARNER MIDDLE SCHOOL	\$0.00
55526	NORTH FARMINGTON HIGH SCHOOL	\$0.00
55527	HIGHMEADOW COMMON CAMPUS SCHOOL	\$0.00
55528	WOOD CREEK ELEMENTARY SCHOOL	\$0.00
55529	O.E. DUNCKEL MIDDLE SCHOOL	\$0.00
55530	KENBROOK ELEMENTARY SCHOOL	\$0.00
55532	HARRISON HIGH SCHOOL	\$0.00
55533	HILLSIDE ELEMENTARY SCHOOL	\$0.00
16035652	EARLY CHILDHOOD CENTER	\$0.00
179506	Clarkston Community Education	\$0.00
211623	INDEPENDENCE ELEMENTARY	\$0.00

BEN	Name	Amount
55582	CLARKSTON JUNIOR HIGH SCHOOL	\$0.00
55583	CLARKSTON HIGH SCHOOL	\$0.00
55584	CLARKSTON ELEMENTARY SCHOOL	\$0.00
55585	PINE KNOB ELEMENTARY SCHOOL	\$0.00
55586	NORTH SASHABAW ELEM SCHOOL	\$0.00
55588	SASHABAW MIDDLE SCHOOL	\$0.00
55589	BAILEY LAKE ELEMENTARY SCHOOL	\$0.00
187565	HERITAGE ELEMENTARY	\$0.00
55601	HARBOR HIGH SCHOOL	\$0.00
55602	SPRING MILLS ELEMENTARY SCHOOL	\$0.00
55603	MILFORD HIGH SCHOOL	\$0.00
55607	HIGHLAND ELEMENTARY SCHOOL	\$0.00
55642	MUIR MIDDLE SCHOOL	\$0.00
55644	KURTZ ELEMENTARY SCHOOL	\$0.00
55645	JOHNSON ELEMENTARY SCHOOL	\$0.00
55646	COUNTRY OAKS ELEMENTARY SCHOOL	\$0.00
55647	OAK VALLEY MIDDLE SCHOOL	\$0.00
155469	WALNUT CREEK MIDDLE SCHOOL	\$0.00
16021291	WALLED LAKE NORTHERN HIGH SCHOOL	\$0.00
16035453	OUTDOOR EDUCATION CENTER	\$0.00
172600	MEADOWBROOK ELEMENTARY SCHOOL	\$0.00
204590	SARAH G. BANKS MIDDLE SCHOOL	\$0.00
55468	PLEASANT LAKE ELEM SCHOOL	\$0.00
55481	KEITH ELEMENTARY SCHOOL	\$0.00
55640	HICKORY WOODS ELEMENTARY SCH	\$0.00
55648	COMMERCE ELEMENTARY SCHOOL	\$0.00
55649	C H SMART MIDDLE SCHOOL	\$0.00
167971	ROSE PIONEER ELEMENTARY School	\$0.00
17006683	Karl Richter Campus	\$0.00
55593	DAVISBURG ELEMENTARY SCHOOL	\$0.00
55787	PATTERSON ELEMENTARY SCHOOL	\$0.00
55789	HOLLY HIGH SCHOOL	\$0.00
55790	HOLLY ELEMENTARY SCHOOL	\$0.00
55791	HOLLY MIDDLE SCHOOL	\$0.00
16056344	OAKWOOD ELEMENTARY	\$0.00
16082052	BRANDON ACADEMY OF ARTS & SCIENCES	\$0.00
55858	BRANDON MIDDLE SCHOOL	\$0.00
55859	BRANDON SR HIGH SCHOOL	\$0.00
55860	HARVEY-SWANSON ELEMENTARY SCH	\$0.00
55861	BRANDON FLETCHER INTERMEDIATE SCHOOL	\$0.00
55863	BRANDON EDUCATION CENTER	\$0.00
16064365	OXFORD BRIDGES HIGH SCHOOL	\$0.00
204588	LAKEVILLE ELEMENTARY SCHOOL	\$0.00
221749	Oxford High School	\$0.00
55620	LEONARD ELEMENTARY SCHOOL	\$0.00
55624	OXFORD ELEMENTARY SCHOOL	\$0.00

BEN	Name	Amount
55625	CLEAR LAKE ELEMENTARY SCHOOL	\$0.00
55627	DANIEL AXFORD ELEMENTARY SCH	\$0.00
55628	OXFORD MIDDLE SCHOOL	\$0.00

FRN Calculation for FRN #1799073224

Monthly Charges	
Total Monthly Recurring Charges	\$0.00
Total Monthly Ineligible Charges	- \$0.00
Total Monthly Eligible Charges	= \$0.00
Total Number of Months of Service	x 12
Total Eligible Pre-Discount Recurring Charges	= \$0.00

One-Time Charges	
Total One-Time Charges	\$0.01
Total Ineligible One-Time Charges	- \$0.00
Total Eligible Pre-Discount One-Time Charges	= \$0.01

Total Requested Amount	
Total Eligible Pre-Discount Recurring Charges	\$0.00
Total Eligible Pre-Discount One-Time Charges	+ \$0.01
Total Pre-Discount Charges	= \$0.01
Discount Rate	100%
Funding Commitment Request	= \$0.01

Certifications

I certify that the entity I represent or the entities listed on this application have secured access, separately or through this program, to all of the resources, including computers, training, software, internal connections, maintenance, and electrical capacity, necessary to use the services purchased effectively. I recognize that some of the aforementioned resources are not eligible for support. I certify that the entities I represent or the entities listed on this application have secured access to all of the resources to pay the discounted charges for eligible services from funds to which access has been secured in the current funding year. I certify that the Billed Entity will pay the non-discount portion of the cost of the goods and services to the service provider(s).

I certify an FCC Form 470 was posted and that any related RFP was made available for at least 28 days before considering all bids received and selecting a service provider. I certify that all bids submitted were carefully considered and the most cost-effective service offering was selected, with price being the primary factor considered, and is the most cost-effective means of meeting educational needs and technology goals.

Total Funding Summary

Below is a summary of the total line item costs on this FCC Form 471:

Summary	
Total funding year pre-discount eligible amount on this FCC Form 471	\$77,338.11
Total funding commitment request amount on this FCC Form 471	\$45,629.51
Total applicant non-discount share of the eligible amount	\$31,708.60
Total budgeted amount allocated to resources not eligible for E-rate support	\$0.00
Total amount necessary for the applicant to pay the non-discount share of eligible and any ineligible amounts	\$31,708.60
Are you receiving any of the funds directly from a service provider listed on any of the FCC Forms 471 filed by this Billed Entity for this funding year?	No
Has a service provider listed on any of the FCC Forms 471 filed by this Billed Entity for this funding year assisted you in locating funds needed to pay your non-discounted share?	No

I certify that the entity responsible for selecting the service provider(s) has reviewed all applicable FCC, state, and local procurement/competitive bidding requirements and that the entity or entities listed on this application have complied with them.

I certify that the services the applicant purchases at discounts provided by 47 U.S.C. § 254 will be used primarily for educational purposes, see 47 C.F.R. § 54.500 and will not be sold, resold or transferred in consideration for money or any other thing of value, except as permitted by the Commission's rules at 47 C.F.R. § 54.513. Additionally, I certify that the entity or entities listed on this application have not received anything of value or a promise of anything of value, as prohibited by the Commission's rules at 47 C.F.R. § 54.503(d), other than services and equipment sought by means of this form, from the service provider, or any representative or agent thereof or any consultant in connection with this request for services.

I certify that I and the entity(ies) I represent have complied with all program rules and I acknowledge that failure to do so may result in denial of discount funding and/or cancellation of funding commitments. There are signed contracts or other legally binding agreements covering all of the services listed on this FCC Form 471 except for those services provided under non-contracted tariffed or month-to-month arrangements. I acknowledge that failure to comply with program rules could result in civil or criminal prosecution by the appropriate law enforcement authorities.

I acknowledge that the discount level used for shared services is conditional, for future years, upon ensuring that the most disadvantaged schools and libraries that are treated as sharing in the service, receive an appropriate share of benefits from those services.

I certify that I will retain required documents for a period of at least 10 years (or whatever retention period is required by the rules in effect at the time of this certification) after the later of the last day of the applicable funding year or the service delivery deadline for the associated funding request. I acknowledge that I may be audited pursuant to participation in the schools and libraries program. I certify that I will retain all documents necessary to demonstrate compliance with the statute and Commission rules regarding the application for, receipt of, and delivery of services receiving schools and libraries discounts, and that if audited, I will make such records available to USAC.

I certify that I am authorized to order telecommunications and other supported services for the eligible entity(ies) listed on this application. I certify that I am authorized to submit this request on behalf of the eligible entity(ies) listed on this application, that I have examined this request, that all of the information on this form is true and correct to the best of my knowledge, that the entities that are receiving discounts pursuant to this application have complied with the terms, conditions and purposes of the program, that no kickbacks were paid to anyone and that false statements on this form can be punished by fine or forfeiture under the Communications Act, 47 U.S.C. §§ 502, 503(b), or fine or imprisonment under Title 18 of the United States Code, 18 U.S.C. § 1001 and civil violations of the False Claims Act.

I acknowledge that FCC rules provide that persons who have been convicted of criminal violations or held civilly liable for certain acts arising from their participation in the schools and libraries support mechanism are subject to suspension and debarment from the program. I will institute reasonable measures to be informed, and will notify USAC should I be informed or become aware that I or any of the entities listed on this application, or any person associated in any way with my entity and/or the entities listed on this application, is convicted of a criminal violation or held civilly liable for acts arising from their participation in the schools and libraries support mechanism.

I certify that if any of the Funding Requests on this FCC Form 471 are for discounts for products or services that contain both eligible and ineligible components, that I have allocated the eligible and ineligible components as required by the Commission's rules at 47 C.F.R. § 54.504.

Notice

Section 54.504 of the Federal Communications Commission's rules requires all schools and libraries ordering services that are eligible for and seeking universal service discounts to submit an application for such discounts by filing this Services Ordered and Certification Form (FCC Form 471) with the Universal Service Administrator. 47 C.F.R. § 54.504. The collection of information stems from the Commission's authority under Section 254 of the Communications Act of 1934, as amended. 47 U.S.C. § 254. The data in the report will be used to ensure that schools and libraries comply with the application requirements for universal service

discounts contained in 47 C.F.R. § 54.504. Schools and libraries must file this form themselves or as part of a consortium. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The FCC is authorized under the Communications Act of 1934, as amended, to collect the information we request in this form. We will use the information you provide to determine whether approving your application for universal service discounts is in the public interest. If we believe there may be a violation or a potential violation of any applicable statute, regulation, rule or order, your application may be referred to the Federal, state, or local agency responsible for investigating, prosecuting, enforcing, or implementing the statute, rule, regulation or order. In certain cases, the information in your application for universal service discounts may be disclosed to the Department of Justice or a court or adjudicative body when (a) the FCC; or (b) any employee of the FCC; or (c) the United States Government is a party of a proceeding before the body or has an interest in the proceeding. In addition, consistent with the Communications Act of 1934, FCC regulations and orders, the Freedom of Information Act, 5 U.S.C. § 552, or other applicable law, information provided in or submitted with this form or in response to subsequent inquiries may be disclosed to the public. If you owe a past due debt to the Federal government, the information you provide may also be disclosed to the Department of the Treasury Financial Management Service, other Federal agencies and/or your employer to offset your salary, IRS tax refund or other payments to collect that debt. The FCC may also provide the information to these agencies through the matching of computer records when authorized. If you do not provide the information we request on the form, the FCC or the Universal Service Administrator may delay processing of your application for universal service discounts or may return your application without action. The foregoing Notice is required by the Paperwork Reduction Act of 1995, Pub. L. No. 104-13, 44 U.S.C. § 3501, et seq. Public reporting burden for this collection of information is estimated to average 4.5 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, completing, and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the reporting burden to the Federal Communications Commission, Performance Evaluation and Records Management, Washington, DC 20554. We also will accept your comments via the email if you send them to PRA@FCC.gov. DO NOT SEND COMPLETED WORKSHEETS TO THESE ADDRESSES.

Authorized Person

Title:	Deputy Superintendent Financial Services	Name:	Robert Moore
Phone:	248-209-2000	Email:	erate@oakland.k12.mi.us
Address:	2111 Pontiac Lake Rd Waterford MI 48328	Employer:	Robert Moore

Certified Timestamp

10-May-2017 15:26:30 EDT

EXHIBIT B

CONDITIONAL PURCHASE AGREEMENT

This Conditional Purchase Agreement (hereinafter, the "Agreement") is entered into this 04/19/2017 between **Oakland Schools** ("Buyer"), whose address is **2111 Pontiac Lake Road, Waterford, MI 48328** and CDW Government LLC ("Seller") whose address is **230 N. Milwaukee Avenue, Vernon Hills, IL 60061**.

RECITALS:

- A. Whereas, "Buyer" is applying for certain federal funding from the Schools and Library Division (SLD) of the Universal Service Administration Corporation (USAC), a nonprofit corporation, for the Universal Service Fund E-Rate Program FY17 (2017-18) discounts ("E-Rate Funding") to enable it to purchase **FIREWALLSS** for its school district;
- B. Whereas, "Seller" is a distributor of the **FIREWALLS** listed in a Proposal, dated 04/13/2017, (**Exhibit A**, "Seller's Proposal") that it issued to "Buyer";
- C. Whereas, "Buyer" would like to purchase **FIREWALLS** listed in "Seller's Proposal", **if** the "Buyer" receives E-Rate Funding to assist with the purchase of said **FIREWALLS**.
- D. Whereas, the "Buyer" and "Seller" wish to memorialize the terms of their Agreement, which is conditional upon the "Buyer" receiving E-Rate Funding.

NOW, THEREFORE, for and in consideration of the foregoing Recitals, the mutual covenants set forth below and other good and valuable consideration, the receipt and sufficiency of which are acknowledged, "Buyer" and "Seller" agree as follows:

1. Conditional Agreement Contingent Upon E-Rate Funding

This is a Conditional Agreement and the obligations of either party as set forth herein are entirely conditional upon "Seller" receiving written notification in the form of a Funding Commitment Decision Letter from the SLD-USAC that "Buyer" has been approved for E-Rate Funding. Also, if "Buyer" receives less than the full E-Rate Funding for which it applies, the "Buyer" has the unrestricted right to reduce the number of units and services in "Seller's Proposal" that "Buyer" purchases. In the event that E-Rate Funding is not available for the attached Proposal, "Buyer", in its discretion, may cancel and/or modify this Agreement.

2. Items and Services To Be Purchased

If "Buyer" receives written notification that it has been approved for full E-Rate Funding for which it applied, "Buyer" agrees to purchase from the "Seller" **FIREWALLS** at the stated/quoted price(s) for each unit(s) listed in "Seller's Proposal". As stated above, "Buyer" has the unrestricted right to reduce the number of units and services in Proposal that it purchases, if "Buyer" receives less than the full E-Rate Funding for which it applies. In such event, "Buyer" will receive less than the full E-Rate Funding for which it applied, and thus, the scope of work will change and consequently, "Buyer" may only be able to purchase a portion of the items and services on "Seller's Proposal" in order to meet budget requirements.

3. **Variations From Specifications**

If "Buyer" reduces the amount or quantity of units and services it purchases, the unit pricing, as specified in "Seller's Proposal", will remain the same. "Seller" shall notify "Buyer" in writing of any manufacturer substitutions in the original "Seller's Proposal" prior to delivery and installation.

4. **Product and Services Delivery and Installation**

"Seller" agrees that in no event will orders be placed by "Seller" until after it receives a Funding Commitment Decision Letter. In the event the Funding Commitment Decision Letter states that "Buyer" receives less than the full E-Rate Funding, "Seller" agrees that no orders will be placed until "Buyer" has confirmed in writing the number of units and services it wishes to purchase. Lead times for product delivery and installation are to be quoted by "Seller" to "Buyer" upon receipt of the FCDL by the "Seller". "Seller" agrees to have delivery and installations completed by September 30th of the relevant funding year.

5. **Tender Of Payment**

Upon receipt of the Funding Commitment Decision Letter from the SLD-USAC, "Buyer" shall issue a purchase order for the non-discounted portion in excess of the E-Rate Funding promised by the SLD-USAC. The "Seller" shall be responsible for obtaining from the SLD-USAC the E-Rate Funding promised in the Funding Commitment Decision Letter. "Seller" shall invoice the SLD-USAC within 120 days after the delivery and installations are completed. In no event shall the total purchase price exceed the "Seller's Proposal" price.

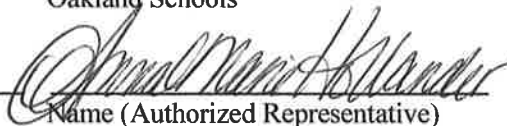
IN WITNESS WHEREOF, both parties have caused this Agreement to be executed by their Authorized Representatives below.

CDW Government LLC

Oakland Schools

Jennifer Fabianski

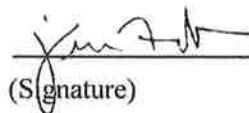
Name (Authorized Representative)

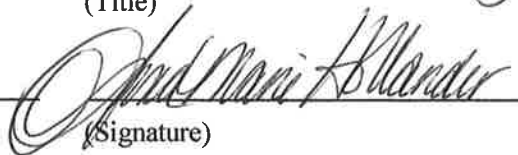

Name (Authorized Representative)

Manager – Proposals

(Title)


(Title)


(Signature)


(Signature)

5.9.2017

(Date)

~~04/18/2017~~ 5/9/17

(Date)

CDW Government LLC
Purchase Agreement for E-Rate Customers
Y20 ERATE pricing
Contract #20621
Spin #143005588
FCC Registration #0012123287

This Purchase Agreement for E-rate Customers (this "Agreement") dated as of the date executed by CDW Government LLC (the "Effective Date") is by and between CDW Government LLC an Illinois corporation with an office at 230 N. Milwaukee Ave., Vernon Hills, Illinois 60061 ("Seller"), and Oakland Schools, a non-profit school or library eligible for Universal Service funding, with offices at 2111 Pontiac Lake Road, Waterford, MI 48328 ("Customer").

Definitions:

As used in the Agreement, the following terms shall have the meanings set forth below:

"E-Rate" – The Education Rate funding provided by the 1996 Telecommunications Act designed to provide twenty to eight-five percent (20%-85%) discounts to schools and libraries for eligible products and services.

"E-Rate Eligible Products" or "Products" – Products which include but are not limited to caching servers, routers, switches, wireless access points, installation, and warranty maintenance and other items eligible for E-rate discounts in accordance with the rules adopted by the Federal Communications Commission.

"E-Rate Customer" or "Customer" – A non-profit school or library eligible for The Schools and Libraries Program of the Universal FUND, applying for an E-Rate discount on E-Rate Eligible Products.

"Program" - The Schools and Libraries Program of the Universal Service Fund, commonly known as "E-Rate," that is administered by the Universal Service Administrative Company (USAC) under the direction of the United States Federal Communications Commission ("FCC"), and that provides discounts to assist most United States schools and libraries to obtain affordable telecommunications and Internet access.

"SLD" – Schools and Libraries Division, a not-for-profit organization, established by the FCC, to administer the Program for schools and libraries.

"Funding Year" – The specific calendar period, as defined by the SLD, during which the Customer is approved for funding or discounts on E-Rate Eligible Products.

1. TERMS AND CONDITIONS

All orders submitted to Seller for Products under this Agreement are subject to the terms and conditions on CDW-G's website at <http://www.cdwg.com/content/terms-conditions/product-sales.asp> (the "Product Sales Terms and Conditions"), unless explicitly superseded herein.

2. PURCHASE AUTHORIZATIONS**A. E-Rate Status**

Customer represents and warrants that it qualifies as eligible under the Program in order to receive E-Rate discounts. CUSTOMER FURTHER ACKNOWLEDGES AND AGREES THAT THIS AGREEMENT WHEN EXECUTED WILL CONSTITUTE A CONTRACT AS REQUIRED BY SLD. This Agreement is contingent upon evidence of award of E-Rate funding and Customer board approval, if applicable.

B. E-Rate Purchases

Customer represents and warrants that all purchases made under this Agreement shall be for its own use and that it is eligible for E-Rate discounts as specified by SLD guidelines. IN ACCORDANCE WITH FCC REQUIREMENTS, THE CUSTOMER SHALL SUBMIT A COMPLETED AND SIGNED FCC FORM 486 TO SLD. Form 486 shall be approved by SLD prior to order placement. The Form 486 informs SLD when the Customer and/or the eligible entity that Customer represents is receiving, is scheduled to receive, or has received service in the relevant Funding Year from the service provider(s). Receipt by SLD of a properly completed Form 486 triggers the process for the SLD to receive the invoice.

3. ORDERING AND ASSISTANCE**A. Ordering**

Purchase orders shall be submitted directly to Seller at the following address or fax number:

CDW Government LLC
Attn: E-Rate Sales K-12
230 N. Milwaukee Ave.
Vernon Hills, IL 60061

Phone: 800-328-4239
Facsimile: Please fax Purchase Orders to your Account Manager

B. Required Information

All orders shall include 1) a contact name; 2) phone number; 3) purchase order number; 4) part number; 5) Product description; 6) original and discounted Product price 7) percentage Customer owes and percentage SLD owes (if applicable) 8) ship to location; 9) bill to location; and 10) FRN number for each part number. SEPARATE PURCHASE ORDERS SHALL BE SUBMITTED FOR PRODUCTS THAT ARE NOT ELIGIBLE FOR E-RATE FUNDING. ALL ORDERS SHALL BE SUBJECT TO ACCEPTANCE BY SELLER.

C. Assistance with Order

Customer may call 1-800-328-4239 to get assistance on any purchase order. Any terms or conditions stated in or on the Customer's purchase order which are not consistent with or in addition to the terms and conditions in this Agreement or the Product Sales Terms and Conditions shall be null and void and shall not be applicable hereto or binding on Seller. FOR THOSE PRODUCTS CHANGE AND THAT CHANGE OCCURS AFTER A CUSTOMER ORDER HAS BEEN ACCEPTED BY SELLER BUT BEFORE THE PRODUCT HAS SHIPPED, SELLER WILL MAKE REASONABLE EFFORTS TO MAKE AVAILABLE TO THE CUSTOMER A COMPARABLE OR BETTER PRODUCT AT THE SAME OR LESSER PRICE IF AVAILABLE, UPON SLD'S APPROVAL REGARDING PRODUCT SUBSTITUTION.

4. PRICE AND PAYMENT TERMS**A. Price**

The Price shall be as stated by Seller's Account Manager in the Product quotation attached hereto as Exhibit I. Prices are exclusive of federal, state, local, or other taxes, which shall be the responsibility of the Customer. Any taxes will be listed separately on the invoice.

B. Payment Terms (Customer must choose one)**1. Form 474 Service Provider Invoice (SPI) Method**

Seller will invoice Customer for their portion of the Products upon shipment of Product and Customer shall pay the invoiced amount (discounted amount owed by Customer) within thirty (30) days from date of invoice.

2. Form 472 Billed Entity Applicant Reimbursement (BEAR) Method

Seller will invoice Customer for their portion of the Products upon shipment of Product and Customer shall pay the invoiced amount (full amount owed by Customer) within thirty (30) days from the date of invoice.

All payments for both methods shall be submitted to the address presented below:

CDW Government LLC
Attn: Accounts Receivable
230 N. Milwaukee Ave.
Vernon Hills, IL 60061

Payment terms are subject to continuing credit approval by Seller. Seller may change credit or payment terms at any time when, in Seller's opinion, Customer's financial condition, previous payment record, or the nature of Customer's relationship with Seller so warrants.

Seller may discontinue performance under this Agreement (i) if Customer fails to pay any sum when due under this Agreement or any other agreement with Seller until payment is received or (ii) if Customer is in violation of applicable regulations.

NOTWITHSTANDING ANYTHING TO THE CONTRARY, CUSTOMER IS RESPONSIBLE FOR PAYMENT OF 100% OF THE PRODUCT PRICE IN THE EVENT THAT CUSTOMER PLACES AN ORDER FOR PRODUCTS FOR WHICH SLD DISALLOWS CUSTOMER'S REQUEST FOR DISCOUNT AND REFUSES PAYMENT TO SELLER OF THE DISCOUNTED AMOUNT FOR SUCH PRODUCTS. IF SLD DISALLOWS CUSTOMER'S REQUEST FOR DISCOUNT CUSTOMER IS IN NO WAY REQUIRED TO PLACE THE ORDER FOR PRODUCTS.

Customers that choose to order E-Rate Eligible Products prior to July 1 shall be required to use the BEAR Method.

5. NON-ASSIGNABILITY AGREEMENT

Customer shall not assign or otherwise transfer its rights or delegate its obligations under this Agreement without Seller's advance written consent. Any attempted assignment, transfer or delegation without such consent shall be void.

6. TERM & RENEWAL OF AGREEMENT

The term of this Agreement shall be for a period of one (1) year commencing on the Effective Date. Notwithstanding the foregoing, Seller may terminate this Agreement at any time for any reason upon thirty (30) days prior written notice to the Customer. In addition, the Customer may immediately terminate this Agreement upon written notice to Seller in the event that funds are not appropriated to Customer under this program ("Termination Notice"). In the event that Customer terminates this Agreement due to non-appropriation of

funds, then Seller may immediately cease performance. However, the Customer shall still be liable for any Products that Seller has shipped in addition to any support for which Customer has subscribed and/or purchased prior to Seller's receipt of the Termination Notice. Customer will also pay Seller for any out-of-pocket costs resulting from any such termination.

The term of this Agreement may be renewed at any time upon the mutual signature by Seller and Customer. The renewal shall be based on an extension of funding from the SLD.

7. NOTICES

All notices and other communications required or permitted under this Agreement shall be served in person or sent by U.S. mail, Federal Express, or equivalent carrier at the following address:

If to Seller:

CDW Government LLC
Attn.: Director, Program Sales
2 Corporate Drive, Suite 800
Shelton, CT 06484

If to Customer:

Oakland Schools
2111 Pontiac Lake Road
Waterford, MI 48328

8. GENERAL

If any term or provision herein is determined to be illegal or unenforceable, the validity or enforceability of the remainder of the terms or provisions herein will remain in full force and effect.

9. ENTIRE AGREEMENT

This Agreement constitutes the entire agreement between Seller and Customer, and supersedes and replaces any and all previous and contemporaneous communications, representations or agreements between the parties, whether oral or written, regarding transactions hereunder. No provision of this Agreement may be waived or modified except by an amendment signed by an authorized representative of each party.

10. DOCUMENT RETENTION

All documents related to this Agreement will be kept on file by both Parties for 10 years after the project completion in accordance with the rules of the SLD.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement the day and year first above written. **This contract is for Funding Year 20 (2017) which begins July 1, 2017 and extends until June 30, 2018.**

CDW Government LLC


(Authorized Signature)
Jennifer Fabianski
Printed Name

Title: Manager-Proposals

Date: 5.9.2017

Customer


(Authorized Signature)
Anna Maria H. Mander
Printed Name

Title: Procurement & Contracting Manager

Date: 5/9/17

EXHIBIT I
Quote

APPENDIX B – BILL OF MATERIALS

I/we, the Bidder, hereby propose to furnish, deliver and install the below listed items for the unit price indicated in accordance with the terms, conditions and specifications included in the Request For Proposal – Firewall.

NOTE: The Bidder may attach additional pages for Bill of Materials as needed.

BASE BID - Firewall (Must include all components and installation costs)

BUILDING NAME: West Bloomfield High School						
Make	Model	Part No.	Description	Qty	Unit Price	Total Price
Cisco	2130 NGFW	FPR2130-	Cisco Firepower 2130 NGFW Appliance, 1U, 1 x 1	1	\$10,198.30	\$10,198.30
Cisco		CON-SNTE-		1	\$6,577.20	\$6,577.20
Cisco		FPR2K-PWR-	Firepower 2000 Series 400W AC Power Supply	1	\$850.00	\$850.00
Cisco		L-FPR2130T-	Cisco FPR2130 Threat Defense Threat, Malware	1	\$12,483.10	\$12,483.10
CDW			Services/Installation	1	\$5,699.00	\$5,699.00
			Building Total			\$35,807.60

ALTERNATE 1 BID - Firewall (Must include all components and installation costs)

BUILDING NAME: West Bloomfield High School– 5 Year						
Make	Model	Part No.	Description	Qty	Unit Price	Total Price
Cisco	2130 NGFW	FPR2130-	Cisco Firepower 2130 NGFW Appliance, 1U, 1 x 1	1	\$10,198.30	\$10,198.30
Cisco		CON-	SNTE-8X5X4 Cisco Firepower 2130 NGFW	1	\$10,788.00	\$10,788.00
Cisco		FPR2K-	Firepower 2000 Series 400W AC Power Supply	1	\$850.00	\$850.00
Cisco		L-	Cisco FPR2130 Threat Defense Threat, Malware	1	\$20,804.60	\$20,804.60
CDW			Services/Installation	1	\$5,699.00	\$5,699.00
			Building Total			\$48,339.90

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NOTE: The Bidder may attach additional pages for Bill of Materials as needed.

BASE BID - Firewall (Must include all components and installation costs)

BUILDING NAME: Royal Oak High School						
Make	Model	Part No.	Description	Qty	Unit Price	Total Price
Cisco	2130 NGFW	FPR2130-	Cisco Firepower 2130 NGFW Appliance, 1U, 1 x 1	1	\$10,198.30	\$10,198.30
Cisco		CON-SNTE-		1	\$6,577.20	\$6,577.20
Cisco		FPR2K-PWR-	Firepower 2000 Series 400W AC Power Supply	1	\$850.00	\$850.00
Cisco		L-FPR2130T-	Cisco FPR2130 Threat Defense Threat, Malware	1	\$12,483.10	\$12,483.10
CDW			Services/Installation	1	\$5,699.00	\$5,699.00
			Building Total			\$35,807.60

ALTERNATE 1 BID - Firewall (Must include all components and installation costs)

BUILDING NAME: Royal Oak High School– 5 Year						
Make	Model	Part No.	Description	Qty	Unit Price	Total Price
Cisco	2130 NGFW	FPR2130-	Cisco Firepower 2130 NGFW Appliance, 1U, 1 x 1	1	\$10,198.30	\$10,198.30
Cisco		CON-	SNTE-8X5X4 Cisco Firepower 2130 NGFW	1	\$10,788.00	\$10,788.00
Cisco		FPR2K-	Firepower 2000 Series 400W AC Power Supply	1	\$850.00	\$850.00
Cisco		L-	Cisco FPR2130 Threat Defense Threat, Malware	1	\$20,804.60	\$20,804.60
CDW			Services/Installation	1	\$5,699.00	\$5,699.00
			Building Total			\$48,339.90

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BASE BID - Firewall (Must include all components and installation costs)

BUILDING NAME: Pontiac Administration Building						
Make	Model	Part No.	Description	Qty	Unit Price	Total Price
Cisco	2130 NGFW	FPR2130-	Cisco Firepower 2130 NGFW Appliance, 1U, 1 x 1	1	\$10,198.30	\$10,198.30
Cisco		CON-SNTE-		1	\$6,577.20	\$6,577.20
Cisco		FPR2K-PWR-	Firepower 2000 Series 400W AC Power Supply	1	\$850.00	\$850.00
Cisco		L-FPR2130T-	Cisco FPR2130 Threat Defense Threat, Malware	1	\$12,483.10	\$12,483.10
CDW			Services/Installation	1	\$5,699.00	\$5,699.00
			Building Total			\$35,807.60

ALTERNATE 1 BID - Firewall (Must include all components and installation costs)

BUILDING NAME: Pontiac Administration Building– 5 Year						
Make	Model	Part No.	Description	Qty	Unit Price	Total Price
Cisco	2130 NGFW	FPR2130-	Cisco Firepower 2130 NGFW Appliance, 1U, 1 x 1	1	\$10,198.30	\$10,198.30
Cisco		CON-	SNTE-8X5X4 Cisco Firepower 2130 NGFW	1	\$10,788.00	\$10,788.00
Cisco		FPR2K-	Firepower 2000 Series 400W AC Power Supply	1	\$850.00	\$850.00
Cisco		L-	Cisco FPR2130 Threat Defense Threat, Malware	1	\$20,804.60	\$20,804.60
CDW			Services/Installation	1	\$5,699.00	\$5,699.00
			Building Total			\$48,339.90

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NOTE: The Bidder may attach additional pages for Bill of Materials as needed.

BASE BID - Firewall (Must include all components and installation costs)

BUILDING NAME: Novi Instructional Technology Center						
Make	Model	Part No.	Description	Qty	Unit Price	Total Price
Cisco	2130 NGFW	FPR2130-	Cisco Firepower 2130 NGFW Appliance, 1U, 1 x 1	1	\$10,198.30	\$10,198.30
Cisco		CON-SNTE-		1	\$6,577.20	\$6,577.20
Cisco		FPR2K-PWR-	Firepower 2000 Series 400W AC Power Supply	1	\$850.00	\$850.00
Cisco		L-FPR2130T-	Cisco FPR2130 Threat Defense Threat, Malware	1	\$12,483.10	\$12,483.10
CDW			Services/Installation	1	\$5,699.00	\$5,699.00
			Building Total			\$35,807.60

ALTERNATE 1 BID - Firewall (Must include all components and installation costs)

BUILDING NAME: Novi Instructional Technology Center– 5 Year						
Make	Model	Part No.	Description	Qty	Unit Price	Total Price
Cisco	2130 NGFW	FPR2130-	Cisco Firepower 2130 NGFW Appliance, 1U, 1 x 1	1	\$10,198.30	\$10,198.30
Cisco		CON-	SNTC-8X5X4 Cisco Firepower 2130 NGFW	1	\$10,788.00	\$10,788.00
Cisco		FPR2K-	Firepower 2000 Series 400W AC Power Supply	1	\$850.00	\$850.00
Cisco		L-	Cisco FPR2130 Threat Defense Threat, Malware	1	\$20,804.60	\$20,804.60
CDW			Services/Installation	1	\$5,699.00	\$5,699.00
			Building Total			\$48,339.90

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NOTE: The Bidder may attach additional pages for Bill of Materials as needed.

BASE BID - Firewall (Must include all components and installation costs)

BUILDING NAME: Lake Orion Community Education Resource Center						
Make	Model	Part No.	Description	Qty	Unit Price	Total Price
Cisco	2130 NGFW	FPR2130-	Cisco Firepower 2130 NGFW Appliance, 1U, 1 x 1	1	\$10,198.30	\$10,198.30
Cisco		CON-SNTE-		1	\$6,577.20	\$6,577.20
Cisco		FPR2K-PWR-	Firepower 2000 Series 400W AC Power Supply	1	\$850.00	\$850.00
Cisco		L-FPR2130T-	Cisco FPR2130 Threat Defense Threat, Malware	1	\$12,483.10	\$12,483.10
CDW			Services/Installation	1	\$5,699.00	\$5,699.00
			Building Total			\$35,807.60

ALTERNATE 1 BID - Firewall (Must include all components and installation costs)

BUILDING NAME: Lake Orion Community Education Resource Center– 5 Year						
Make	Model	Part No.	Description	Qty	Unit Price	Total Price
Cisco	2130 NGFW	FPR2130-	Cisco Firepower 2130 NGFW Appliance, 1U, 1 x 1	1	\$10,198.30	\$10,198.30
Cisco		CON-	SNTE-8X5X4 Cisco Firepower 2130 NGFW	1	\$10,788.00	\$10,788.00
Cisco		FPR2K-	Firepower 2000 Series 400W AC Power Supply	1	\$850.00	\$850.00
Cisco		L-	Cisco FPR2130 Threat Defense Threat, Malware	1	\$20,804.60	\$20,804.60
CDW			Services/Installation	1	\$5,699.00	\$5,699.00
			Building Total			\$48,339.90

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NOTE: The Bidder may attach additional pages for Bill of Materials as needed.

BASE BID - Firewall (Must include all components and installation costs)

BUILDING NAME: Clawson Senior High						
Make	Model	Part No.	Description	Qty	Unit Price	Total Price
Cisco	2130 NGFW	FPR2130-	Cisco Firepower 2130 NGFW Appliance, 1U, 1 x 1	1	\$10,198.30	\$10,198.30
Cisco		CON-SNTE-		1	\$6,577.20	\$6,577.20
Cisco		FPR2K-PWR-	Firepower 2000 Series 400W AC Power Supply	1	\$850.00	\$850.00
Cisco		L-FPR2130T-	Cisco FPR2130 Threat Defense Threat, Malware	1	\$12,483.10	\$12,483.10
CDW			Services/Installation	1	\$5,699.00	\$5,699.00
			Building Total			\$35,807.60

ALTERNATE 1 BID - Firewall (Must include all components and installation costs)

BUILDING NAME: Clawson Senior High – 5 Year						
Make	Model	Part No.	Description	Qty	Unit Price	Total Price
Cisco	2130 NGFW	FPR2130-	Cisco Firepower 2130 NGFW Appliance, 1U, 1 x 1	1	\$10,198.30	\$10,198.30
Cisco		CON-	SNTE-8X5X4 Cisco Firepower 2130 NGFW	1	\$10,788.00	\$10,788.00
Cisco		FPR2K-	Firepower 2000 Series 400W AC Power Supply	1	\$850.00	\$850.00
Cisco		L-	Cisco FPR2130 Threat Defense Threat, Malware	1	\$20,804.60	\$20,804.60
CDW			Services/Installation	1	\$5,699.00	\$5,699.00
			Building Total			\$48,339.90

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NOTE: The Bidder may attach additional pages for Bill of Materials as needed.

BASE BID - Firewall (Must include all components and installation costs)

BUILDING NAME: Clarenceville Senior High						
Make	Model	Part No.	Description	Qty	Unit Price	Total Price
Cisco	2130 NGFW	FPR2130-	Cisco Firepower 2130 NGFW Appliance, 1U, 1 x 1	1	\$10,198.30	\$10,198.30
Cisco		CON-SNTE-		1	\$6,577.20	\$6,577.20
Cisco		FPR2K-PWR-	Firepower 2000 Series 400W AC Power Supply	1	\$850.00	\$850.00
Cisco		L-FPR2130T-	Cisco FPR2130 Threat Defense Threat, Malware	1	\$12,483.10	\$12,483.10
CDW			Services/Installation	1	\$10,715.00	\$10,715.00
			Building Total			\$ 40,823.60

ALTERNATE 1 BID - Firewall (Must include all components and installation costs)

BUILDING NAME: Clarenceville Senior High – 5 Year						
Make	Model	Part No.	Description	Qty	Unit Price	Total Price
Cisco	2130 NGFW	FPR2130-	Cisco Firepower 2130 NGFW Appliance, 1U, 1 x 1	1	\$10,198.30	\$10,198.30
Cisco		CON-	SNTC-8X5X4 Cisco Firepower 2130 NGFW	1	\$10,788.00	\$10,788.00
Cisco		FPR2K-	Firepower 2000 Series 400W AC Power Supply	1	\$850.00	\$850.00
Cisco		L-	Cisco FPR2130 Threat Defense Threat, Malware	1	\$20,804.60	\$20,804.60
CDW			Services/Installation	1	\$10,715.00	\$10,715.00
			Building Total			\$53,355.90

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NOTE: The Bidder may attach additional pages for Bill of Materials as needed.

BASE BID - Firewall (Must include all components and installation costs)

BUILDING NAME: Oakland School Colocation Facility						
Make	Model	Part No.	Description	Qty	Unit Price	Total Price
Cisco	2140 NGFW	FPR2140-	Cisco Firepower 2140 NGFW Appliance, 1U, 1 x	2	\$22,098.30	\$44,196.60
Cisco		CON-SNTE-	SNTE-8X5X4 Cisco Firepower 2140 NGFW	2	\$14,250.60	\$28,501.20
Cisco		L-FPR2140T-	Cisco FPR2140 Threat Defense Threat, Malware	2	\$27,048.70	\$54,097.40
CDW			Services/Installation	1	\$21,467	\$21,467
			Building Total			\$148,262.20

ALTERNATE 1 BID - Firewall (Must include all components and installation costs)

BUILDING NAME: Oakland School Colocation Facility – 5 Year						
Make	Model	Part No.	Description	Qty	Unit Price	Total Price
Cisco	2140 NGFW	FPR2140-	Cisco Firepower 2140 NGFW Appliance, 1U, 1 x	2	\$22,098.30	\$44,196.60
Cisco		CON-	SNTE-8X5X4 Cisco Firepower 2140 NGFW	2	\$23,374	\$46,748.00
Cisco		FPR2140T-	Cisco FPR2140 Threat Defense Threat, Malware	2	\$45,080.60	\$90,161.20
CDW			Services/Installation	1	\$21,467	\$21,467
			Building Total			\$202,572.80

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NOTE: The Bidder may attach additional pages for Bill of Materials as needed.

BASE BID - Firewall (Must include all components and installation costs)

BUILDING NAME: Oakland School Main Building						
Make	Model	Part No.	Description	Qty	Unit Price	Total Price
Cisco	4500 Chassis	FMC4500-K9	Cisco Firepower Management Center	1	\$38758.30	\$38,758.30
Cisco	SNTC-8X5X4	CON-SNTE-	Smartnet 36 months	1	\$37,488.15	\$37,488.15
Cisco	SFP SR	FS4K-NIC-	Cisco FMC 10 Gbps Ethernet	2	\$170	\$340
Cisco		SFP-10G-SR=	10GBASE-SR SFP Module	4	\$337.50	\$1350
Cisco	2140 NGFW	FPR2140-	Cisco Firepower 2140 NGFW Appliance, 1U, 1 x	2	\$22,080.30	\$44,196.60
				2	\$14,250.60	\$28,501.20
Cisco		L-AC-PLS-3Y-	Cisco AnyConnect Plus License, 3YR, 1000-	1000	\$1.29	\$1290
Cisco		L-FPR2140T-	Cisco FPR2140 Threat Defense Threat, Malware	2	\$27,048.70	\$54,097.40
CDW	na	Na	Services/installation	1	\$21,467.00	\$21,467.00
			Building Total			\$227,483.85

ALTERNATE 1 BID - Firewall (Must include all components and installation costs)

BUILDING NAME: Oakland School Main Building – 5 year						
Make	Model	Part No.	Description	Qty	Unit Price	Total Price
Cisco	4500 Chassis	FMC4500-K9	Cisco Firepower Management Center	1	\$38758.30	\$38758.30
Cisco	SNTC-8X5X4	CON-	Smartnet 60 months	1	\$61,488.50	\$61,488.50
Cisco	SFP SR	FS4K-NIC-	Cisco FMC 10 Gbps Ethernet	2	\$170	\$340
Cisco		SFP-10G-	10GBASE-SR SFP Module	4	\$337.50	\$1350
Cisco	2140 NGFW	FPR2140-	Cisco Firepower 2140 NGFW Appliance, 1U, 1 x	2	\$22,080.30	\$44,196.60
Cisco		CON-	SNTC-8X5X4 Cisco Firepower 2140 NGFW	2	\$23,374	\$46,748
Cisco		L-AC-PLS-	Cisco AnyConnect Plus License, 5YR, 1000-2499	1000	\$1.88	\$1880
Cisco		L-	Cisco FPR2140 Threat Defense Threat, Malware	2	\$45,080.60	\$90,161.20
CDW	na	Na	Services/installation	1	\$21,467.00	\$21,467.00
			Building Total			\$306,732.80